

GenCore version 5.1.3
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OM nucleic - protein search, using frame_plus_n2p model

Run on: February 13, 2003, 21:16:38 ; Search time 14 Seconds
(without alignments)
2345.427 Million cell updates/sec

Title: US-09-659-379-4

Perfect score: 993

Sequence: 1 CCGCGGATCCGAGAAATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table:

BLOSUM62
Xgapop 10.0, Xgapext 0.5
Ygapop 10.0, Ygapext 0.5
Fgapop 6.0, Fgapext 7.0
Delop 6.0, Delext 7.0

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 525148

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62 -TRANS=human40.cdi
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-XGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued_Patents_AA:*
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6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	819	82.5	174	2	US-08-401-530A-2
2	819	82.5	174	2	US-08-709-662-2
3	819	82.5	175	1	US-08-909-725-6
4	525	52.9	175	2	US-08-401-530A-3
5	525	52.9	175	2	US-08-709-662-3
6	491	49.4	175	2	US-08-464-637-2
7	491	49.4	175	2	US-08-401-530A-4
8	491	49.4	175	2	US-08-709-662-4
9	491	49.4	175	2	US-08-822-261-3
10	485	48.8	174	1	US-07-778-156-7
11	485	48.8	174	2	US-08-822-261-4
12	485	48.8	174	2	US-08-422-166-7

13	485	48.8	175	2	US-08-822-261-1	Sequence 1, Appli
14	484	48.7	158	1	US-07-778-156-3	Sequence 3, Appli
15	484	48.7	158	2	US-08-422-166-3	Sequence 3, Appli
16	484	48.7	184	1	US-07-778-156-2	Sequence 2, Appli
17	484	48.7	184	2	US-08-422-166-2	Sequence 2, Appli
18	446.5	45.0	174	2	US-08-401-530A-5	Sequence 5, Appli
19	446.5	45.0	174	2	US-08-709-662-5	Sequence 5, Appli
20	434	43.7	174	2	US-08-401-530A-6	Sequence 6, Appli
21	434	43.7	174	2	US-08-709-662-6	Sequence 6, Appli
22	360.5	36.3	166	2	US-08-729-103-4	Sequence 4, Appli
23	354.5	35.7	165	2	US-08-401-530A-7	Sequence 7, Appli
24	354.5	35.7	165	2	US-08-729-103-3	Sequence 3, Appli
25	354.5	35.7	165	2	US-08-709-662-7	Sequence 7, Appli
26	257.5	25.9	117	6	5514582-15	Patent No. 5514582
27	193	19.4	134	1	US-07-893-929A-2	Sequence 2, Appli
28	193	19.4	134	5	PCT-US92-10344-2	Sequence 2, Appli
29	186.5	18.8	158	2	US-08-729-103-1	Sequence 1, Appli
30	186.5	18.8	158	2	US-08-468-413-2	Sequence 2, Appli
31	186.5	18.8	158	3	US-09-162-508-2	Sequence 2, Appli
32	186.5	18.8	158	5	PCT-US95-07169-2	Sequence 2, Appli
33	185	18.6	131	1	US-07-893-929A-1	Sequence 1, Appli
34	185	18.6	131	5	PCT-US92-10344-1	Sequence 1, Appli
35	172	17.3	130	1	US-07-893-929A-7	Sequence 7, Appli
36	172	17.3	130	5	PCT-US92-10344-7	Sequence 7, Appli
37	172	17.3	133	1	US-07-893-929A-9	Sequence 9, Appli
38	172	17.3	133	5	PCT-US92-10344-9	Sequence 9, Appli
39	164	16.5	125	1	US-07-893-929A-3	Sequence 3, Appli
40	164	16.5	125	5	PCT-US92-10344-3	Sequence 3, Appli
41	162	16.3	132	1	US-07-893-929A-5	Sequence 5, Appli
42	162	16.3	132	5	PCT-US92-10344-5	Sequence 5, Appli
43	161	16.2	1722	4	US-09-194-612A-1	Sequence 1, Appli
44	160	16.1	123	1	US-07-893-929A-4	Sequence 4, Appli
45	160	16.1	123	5	PCT-US92-10344-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-401-530A-2
; Sequence 2, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Viniik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299

; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-401-530A-2

Alignment Scores:
Pred. No.: 4.62e-91 Length: 174
Score: 819.00 Matches: 149
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 82.48% Indels: 0
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-2 (1-174)

Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71
Db 26 GluGluSerGlnLysLysLeuProSerArgIleThrCysProGlnGlySerValAla 45
Qy 72 TATGGTCTCTATGCTATTTGATACACAGAGCTGGTCTAATGCAGAACTA 131
Db 46 TyrGlySerTyrCysTyrSerLeuIleLeuProGlnThrTrpSerAsnAlaGluLeu 65
Qy 132 TCCTGCCAGATGCTTCTCAGGACACCTGGCATTCTCTCAGTACTGTTGAAATACC 191
Db 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85
Qy 192 TTCGTGCTCTCCCTTGTGAAGAACAGTTTGACGGCTACACAGTACATCTGGATTGGACTC 251
Db 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIleGlyLeu 105
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAGTGGATGGAAGTGGAGAGTCCCAAT 311
Db 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsn 125
Qy 312 GTGCTGACCTCTATACTGGAGAGAACCCCTCTATTGCTGACCGTGGTTATTGT 371
Db 136 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTGTCAAATGAG 431
Db 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGlu 165
Qy 432 CTTCCTATATCTGCAAAATTCAGGTC 458
Db 166 LeuProTyrIleCysLysPheLysVal 174

RESULT 2
US-08-709-662-2
; Sequence 2, Application US/08709662
; Patent No. 5840531

; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-709-662-2

Alignment Scores:
Pred. No.: 4.62e-91 Length: 174
Score: 819.00 Matches: 149
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 82.48% Indels: 0
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-709-662-2 (1-174)

Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71
Db 26 GluGluSerGlnLysLysLeuProSerArgIleThrCysProGlnGlySerValAla 45
Qy 72 TATGGTCTCTATGCTATTTGATACACAGAGCTGGTCTAATGCAGAACTA 131
Db 46 TyrGlySerTyrCysTyrSerLeuIleLeuProGlnThrTrpSerAsnAlaGluLeu 65
Qy 132 TCCTGCCAGATGCTTCTCAGGACACCTGGCATTCTCTCAGTACTGTTGAAATACC 191
Db 66 SerCysGlnMetHisPheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGluIleThr 85
Qy 192 TTCGTGCTCTCCCTTGTGAAGAACAGTTTGACGGCTACACAGTACATCTGGATTGGACTC 251
Db 86 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnTyrIleTrpIleGlyLeu 105
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAGTGGATGGAAGTGGAGAGTCCCAAT 311
Db 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpLysTrpSerSerAsn 125
Qy 312 CTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGACCGTGGTTATTGT 371
Db 126 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 145
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTGTCAAATGAG 431
Db 146 AlaValLeuSerGlnLysSerGlyPheGlnLysTrpArgAspPheAsnCysGluAsnGlu 165
Qy 432 CTTCCTATATCTGCAAAATTCAGGTC 458
Db 166 LeuProTyrIleCysLysPheLysVal 174

RESULT 3
US-08-909-725-6
; Sequence 6, Application US/08909725
; Patent No. 5804421

; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF

Appd.

Appd.

TD filed

; TITLE OF INVENTION: INAP IN BACTERIAL AND EUKARYOTIC CELLS
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20001
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/909,725
 ; FILING DATE: 12-AUG-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/741,096
 ; FILING DATE: 30-OCT-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A
 ; REGISTRATION NUMBER: 32,145
 ; REFERENCE/DOCKET NUMBER: 0570.05173
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; TELEX: 97430 BMB UT
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-909-725-6

Alignment Scores:
 Pred. No.: 4,63e-91 Length: 175
 Score: 819.00 Matches: 149
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 82.48% Indels: 0
 DB: 1 Gaps: 0

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 Db 47 TyrGlySerTyrCysTyrSerLeuLeuIleProGlnThrTrpSerAsnAlaGluLeu 66
 QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTGAATTTACC 191
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 QY 252 CATGATCCCTACATGGTATACATCCCAACGAGTGGATGGAAGTGGAGAGTTCCTTCCAT 311
 Db 107 HisAspProSerHisGlyThrLeuProAsnGlySerGlyThrLysTrpSerSerAsn 126
 QY 312 GTGCTGACCTTCTATAAAGTGGAGAACCCCTCTATTGCTGCTGACCGTGGTATTGCT 371
 Db 127 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAlaAspArgGlyTyrCys 146
 QY 372 GCAGTCTTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATGTGAAATGAG 431

Db 147 AlaValLeuSerGlnLysSerGlnLysPheGlnLysTrpArgAspPheAsnGlyCysGluAsnGlu 166
 QY 432 CTTCCCTATATCTGCAAAATTCAGGTC 458
 Db 167 LeuProTyrIleCysLysPheLysVal 175
 RESULT 4
 US-08-401-530A-3
 ; Sequence 3, Application US/08401530A
 ; Patent No. 5834590
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence
 ; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
 ; TITLE OF INVENTION: ISLET NEOGENESIS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Banner & Allegretti
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/401,530A
 ; FILING DATE: 22-FEB-1995
 ; CLASSIFICATION: 800
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,141
 ; REFERENCE/DOCKET NUMBER: 00570.48743
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Rattus rattus
 ; US-08-401-530A-3

Alignment Scores:

Pred. No.: 2.23e-55 Length: 175
 Score: 525.00 Matches: 87
 Percent Similarity: 78.91% Conservative: 29
 Best Local Similarity: 59.18% Mismatches: 31
 Query Match: 52.87% Indels: 0
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-3 (1-175)

QY 12 GAAGATCTCAAAAGAACTGCTTCTTACGTATAACCTGCTCAAGGCTCTGTAGCC 71
 Db 27 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 46
 QY 72 TATGGGTCTATTGCTATTACATGATTTTGATACACACCTGGTCTTAATCGAAGCTA 131
 Db 47 TyrGlySerTyrCysTyrSerLeuLeuIleProGlnThrTrpPheAspAlaGluLeu 66
 QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTTACC 191

Db 67 AlacysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 86
Qy 192 TTCGTGCTCCCTGTCGAAGACAGTTGACGCGCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrGlnTyrIleTrpPheAspGlyLeu 106
Qy 252 CATGATCCCTCACATGTGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrLeuGlyGlyGluProAsnGlyGlyGlyTrpGluTrpSerAsnAsnAsp 126
Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 IleMetAsnTyrValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 146
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAAATGGAAGTGAAG 431
Db 147 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValLys 166
Qy 432 CTTCCCTATATCTGCAATTC 452
Db 167 LeuProTyrValCysLysPhe 173

RESULT 5
US-08-709-662-3
; Sequence 3, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vink, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Rattus rattus
US-08-709-662-3
Alignment Scores: 2.23e-55 Length: 175
-Pred. No.: 525.00 Matches: 87
Score:

Percent Similarity: 78.91% Conservative: 29
Best Local Similarity: 59.18% Mismatches: 31
Query Match: 52.87% Indels: 0
DB: 2 Gaps: 0
US-09-659-379-4 (1-558) x US-08-709-662-3 (1-175)
Qy 12 GAGAAATCTCAAAGAAACGCTTCTTACAGTATACCTGCTCCTCAAGGCTCTGTAGCC 71
Db 27 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 46
Qy 72 TATGGGTCCCTATTGCTATTCTACTGATTTTGTATACACAGACCTGGTCTAATGCAGAACTA 131
Db 47 TyrGlySerTyrCysTyrAlaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGCTGTAATTAATACC 191
Db 67 AlacysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 86
Qy 192 TTCGTGCTCCCTGTCGAAGACAGTTTACGCGCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrGlnTyrIleTrpPheAspGlyLeu 106
Qy 252 CATGATCCCTCACATGTGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrLeuGlyGlyGluProAsnGlyGlyGlyTrpGluTrpSerAsnAsnAsp 126
Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 IleMetAsnTyrValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 146
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAAATGGAAGTGAAG 431
Db 147 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAspThrThrCysGluValLys 166
Qy 432 CTTCCCTATATCTGCAATTC 452
Db 167 LeuProTyrValCysLysPhe 173
RESULT 6
US-08-464-637-2
; Sequence 2, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sarles, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-464-637-2

Alignment Scores:
Pred. No.: 2,98e-51 Length: 175
Score: 491.00 Matches: 82
Percent Similarity: 77.55% Conservative: 32
Best Local Similarity: 55.78% Mismatches: 33
Query Match: 49.45% Indels: 0
DB: 0 Gaps: 0

US-09-659-379-4 (1-558) x US-08-464-637-2 (1-175)

QY 12 GAAGAATCTCAAAGAACTGCCTTCTCAGTATAAAGTCTCCTCAAGGCTCTGTAGCC 71
DB 27 GluGluProGlnArgLeuProSerAlaArgIleArgCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTATGCTATCTACTGATTTGTATACACAGACCTGCTCTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTyrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCTCCTCTGCTGAAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTTGACACAGTGGATGGAAGTGGAGTGGAGTGGAGTGGAGT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126
QY 312 GNGCTGACCTCTATAACTGGGAGAGGACCCCTCTATTGCTGCTGACCGTGGTTATGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTCCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGTGGAGTGGAGTGGAGTGG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
QY 432 CTTCCTATATCTGCAAAATTC 452
DB 167 LeuProTyrValCysLysPhe 173

RESULT 7
US-08-401-530A-4
Sequence 4, Application US/08401530A
Patent No. 5840531
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Pittenger, Gary L.
APPLICANT: Rafaeloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESS: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570,48743
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-401-530A-4

Alignment Scores:
Pred. No.: 2,98e-51 Length: 175
Score: 491.00 Matches: 82
Percent Similarity: 77.55% Conservative: 32
Best Local Similarity: 55.78% Mismatches: 33
Query Match: 49.45% Indels: 0
DB: 0 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-4 (1-175)

QY 12 GAAGAATCTCAAAGAACTGCCTTCTCAGTATAAAGTCTCCTCAAGGCTCTGTAGCC 71
DB 27 GluGluProGlnArgLeuProSerAlaArgIleArgCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTATGCTATCTACTGATTTGTATACACAGACCTGCTCTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTyrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCTCCTCTGCTGAAGAACAGTTTGACGGCTACACATCTGGATTGGACTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTTGACACAGTGGATGGAAGTGGAGTGGAGTGGAGTGGAGT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126
QY 312 GNGCTGACCTCTATAACTGGGAGAGGACCCCTCTATTGCTGCTGACCGTGGTTATGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTCCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGTGGAGTGGAGTGGAGTGG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
QY 432 CTTCCTATATCTGCAAAATTC 452
DB 167 LeuProTyrValCysLysPhe 173

RESULT 8
US-08-709-662-4
Sequence 4, Application US/08709662
Patent No. 5840531
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.

5

QY 132 TCCTCCAGATGCTTCTCAGACACCTGGCATTCTTCTCAGTACTGGTGAATACC 191
 Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
 QY 192 TTCGTGCTCCTCCCTGTGAAGACAGTGTGAGCGCTACCACTACATCTGATGGACTC 251
 Db 87 PheValSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106
 QY 252 CATGATCCCTCAGTGTACACTACCAACGAGTGGTGAAGTGGAGGAGTTCCTCAAT 311
 Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126
 QY 312 GTGCTGACCTTCTATACACTGGAGAGGAGCCCTCTATTGCTGCTGACCGTGGTATTGT 371
 Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
 QY 372 GCAGTGTGCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAAATGCAAAATCAG 431
 Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnValArg 166
 QY 432 CTTCCCTATATCTGCAATTC 452
 Db 167 LeuProTyrValCysLysPhe 173

RESULT 10

US-07-778-156-7
 ; Sequence 7, Application US/07778156
 ; Patent No. 5436169
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07778.156
 ; FILING DATE: 19911219
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5436169man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; TELEX: 248855 OPAT UR
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 174 amino acids
 ; TYPE: AMINO ACID
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; TISSUE TYPE: pancreas

Alignment Scores:
 Pred. No.: 1.59e-50 Length: 174
 Score: 485.00 Matches: 81
 Percent Similarity: 77.40% Conservative: 32
 Best Local Similarity: 55.48% Mismatches: 33
 Query Match: 48.84% Indels: 0
 DB: 1 Gaps: 0
 US-09-659-379-4 (1-558) x US-07-778-156-7 (1-174)
 QY 12 GAAGATCTCAAGAAACCTGCTTCTCAGTATAACCTGCTCAAGGCTCTGTAGCC 71
 Db 27 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySerLysala 46
 QY 72 TATGGTCTCTATGCTATCTACTGATTTTATACACAGACCTGGTCTAATGCAGAACTA 131
 Db 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTrpThrAspAlaAspLeu 66
 QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTCTTCTCAGTACTGGTGAATACC 191
 Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
 QY 192 TTCGTGCTCCTCCCTGTGAAGACAGTGTGAGCGCTACCACTACATCTGATGGACTC 251
 Db 87 PheValSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 106
 QY 252 CATGATCCCTCAGTGTACACTACCAACGAGTGGTGAAGTGGAGGAGTTCCTCAAT 311
 Db 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerSer 126
 QY 312 GTGCTGACCTTCTATACACTGGAGAGGAGCCCTCTATTGCTGCTGACCGTGGTATTGT 371
 Db 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
 QY 372 GCAGTGTGCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAAATGCAAAATCAG 431
 Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnValArg 166
 QY 432 CTTCCCTATATCTGCAAA 449
 Db 167 LeuProTyrValCysLys 172

RESULT 11

US-08-822-261-4
 ; Sequence 4, Application US/08822261
 ; Patent No. 5935813
 ; GENERAL INFORMATION:
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
 ; TITLE OF INVENTION: PROTEIN
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/822.261
 ; FILING DATE: Filed Herewith
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 174 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 189601
US-08-822-261-4

Alignment Scores:
Pred. No.: 1.59e-50 Length: 174
Score: 485.00 Matches: 81
Percent Similarity: 77.40% Conservative: 32
Best Local Similarity: 55.48% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-4 (1-174)

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QY 12 GAAGAACTCAAAAGAACTGCTTTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71
DB 27 GluGluProGlnArgGluLeuProSerAlaAlaArgCysProLysGlySerLysAla 46
QY 72 TATGGGCTCTATTGCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerThrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCTTCTCAGGACACCTGGCATTTCTTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTTGTCAAGAACAGATTGTGACGGCTACCATGATCTGGATTGGACTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrThrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGCTACACTACCCAAACGGAAGTGGATGGAAGTGGAGAGTCCCAAT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGACCGGTATTGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTAATTGTGAAAATGAG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
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RESULT 12

US-08-422-166-7
Sequence 7, Application US/08422166
Patent No. 5959086

GENERAL INFORMATION:
APPLICANT: IOVANNIA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,166
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/778,156
FILING DATE: 19-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5959086man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 174 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-08-422-166-7

Alignment Scores:
Pred. No.: 1.59e-50 Length: 174
Score: 485.00 Matches: 81
Percent Similarity: 77.40% Conservative: 32
Best Local Similarity: 55.48% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

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QY 12 GAAGAACTCAAAAGAACTGCTTTCAGGTATACCTGCTCAAGGCTCTGTAGCC 71
DB 27 GluGluProGlnArgGluLeuProSerAlaAlaArgCysProLysGlySerLysAla 46
QY 72 TATGGGCTCTATTGCTACTGATTTTGTATACACAGACCTGGTCTTAATGCAGAACTA 131
DB 47 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerThrThrAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCTTCTCAGGACACCTGGCATTTCTTCAGTACTGGTGAATATACC 191
DB 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTTGTCAAGAACAGATTGTGACGGCTACCATGATCTGGATTGGACTC 251
DB 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrThrValTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGCTACACTACCCAAACGGAAGTGGATGGAAGTGGAGAGTCCCAAT 311
DB 107 HisAspProThrGlnGlyThrGluProAsnGlyGluGlyTrpGluTrpSerSerAsp 126
QY 312 GTGCTGACCTTCTATAACTGGAGAGAACCCCTCTATTGCTGACCGGTATTGT 371
DB 127 ValMetAsnTyrPheAlaTrpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTAATTGTGAAAATGAG 431
DB 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpLysAspTyrAsnCysAsnValArg 166
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QY 432 CTCCTATATCTGCAAA 449
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Db 167 LeuProTyrValCysLys 172

RESULT 13
US-08-822-261-1
; Sequence 1, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISLNOT01
; CLONE: 2072483
US-08-822-261-1

Alignment Scores:
Pred. No.: 159e-50 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
Gaps: 2

US-09-659-379-4 (1-558) x US-08-822-261-1 (1-175)
QY 12 GAAGATCTCAAAAGAACTGCTTTCACGTATAAAGTCTCAAGGCTCTGTAGCC 71
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Db 27 GluGluThrGlnGlyLeuProSerProArgIleSerCysProLysGlySerLysAla 46
|||||
QY 72 ATGGGTCTATGTATCTACTGATTTGTATACACAGACTGGTCTTAATGCAGAACTA 131
|||||
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerProLysMetAspAlaLeu 66
|||||
QY 132 TCCTGCCAGATCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGTGAATATACC 191
|||||
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerGlyAlaGluGlySer 86
|||||

QY 192 TTCGTGCTCCTCCCTGTGAAGAACAGTTTGGCGCTACCACTACATCTGGATTGGACTC 251
|||||
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
|||||
QY 252 CATGATCCCTCACATGGTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGTCCCAAT 311
|||||
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
|||||
QY 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
|||||
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
|||||
QY 372 GCAGTTCCTTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATGTGAAAATGAG 431
|||||
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
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QY 432 CTCCTATATCTGCAAAATCAAG 455
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Db 167 LeuProTyrValCysLysPheLys 174

RESULT 14
US-07-778-156-3
; Sequence 3, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELETYPE: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 158 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-07-778-156-3

Alignment Scores:
Pred. No.: 2.02e-50 Length: 158
Score: 484.00 Matches: 81
Percent Similarity: 77.30% Conservative: 28
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Best Local Similarity: 57.45% Mismatches: 32
Query Match: 48.74% Indels: 0
DB: 1 Gaps: 0

US-09-659-379-4 (1-558) x US-07-778-156-3 (1-158)

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QY 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGGTATAAAGCTCTCAAGGCTCTGTAGCC 71
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Db 1 GluAspSerProLysLysIleProSerAlaArgIleSerCysProLysGlySerGlnAla 20

QY 72 TATGGCTCTATTGCTATCTACTGATTTTGATACACAGAGCTGGTCTAATGCAGAACTA 131
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Db 21 TyrGlySerTyrCysTyrAlaLeuPheGlnIleProGlnThrTrpPheAspAlaGluLeu 40

QY 132 TCCTGCCAGATGCAATTTCTCAGGACACCTGCCTTCTCTCAGTACTGGTGAAATACC 191
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Db 41 AlaCysGlnLysArgProGluGlyHisLeuValSerValLeuAsnValAlaGluAlaSer 60

QY 192 TTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCACTGATCTGGATTGGACTC 251
|||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 61 PheLeuAlaSerMetValLysAsnThrGlyAsnSerTyrGlnTyrThrTrpIleGlyLeu 80

QY 252 CATGATCCCTCACATGCTACCTACCCAGCGAGTGGAGTGGAGTGGAGTGGAGTCCCAT 311
|||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
Db 81 HisAspProThrLeuGlyGlyGluProAsnGlyGlyTrpGluTyrTrpSerAsnAsp 100

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QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATTTGTAATAATGAG 431
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QY 432 CTT 434
Db 141 Val 141
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RESULT 15

US-08-422-166-3

; Sequence 3, Application US/08422166

; Patent No. 5959086

; GENERAL INFORMATION:

; APPLICANT: IOVANNA, JUAN-LUCIO

; APPLICANT: KEIM, VOLKER

; APPLICANT: DAGORN, JEAN-CHARLES

; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,

; ADDRESSEE: P.C.

; STREET: 1755 Jefferson Davis Highway, Fourth Floor

; CITY: Arlington

; STATE: Virginia

; COUNTRY: U.S.A.

; ZIP: 22202

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/422,166

; FILING DATE: 14-APR-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/778,156

; FILING DATE: 19-DEC-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Oblon, No. 5959086man F.

; REGISTRATION NUMBER: 24,618

; REFERENCE/DOCKET NUMBER: 354-012-0 PCT

; TELEPHONE: (703)521-4500

; TELEFAX: (703)486-2347

; TELEX: 248855 OPAT UR

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 158 amino acids

; TYPE: amino acid

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; TISSUE TYPE: pancreas

; US-08-422-166-3

Alignment Scores:

Pred. No.: 2.02e-50

Score: 484.00

Percent Similarity: 77.30%

Best Local Similarity: 57.45%

Query Match: 48.74%

Indels: 0

Gaps: 0

US-09-659-379-4 (1-558) x US-08-422-166-3 (1-158)

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QY 432 CTT 434
Db 141 Val 141
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Search completed: February 13, 2003, 22:34:39

Job time : 16 secs

GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - protein search, using frame_plus_n2p model

Run on: February 13, 2003, 22:28:15 ; Search time 11.5 Seconds
(without alignments)
2479.352 Million cell updates/sec

Title: US-09-659-379-4

Perfect score: 993

Sequence: 1 CCGCGGATCCGGAAGATCT.....GAAGAGCACTCGACCGGTC 558

Scoring table: BLOSUM62

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Ygapop 10.0 , Ygapext 0.5

Fgapop 6.0 , Fgapext 7.0

Delop 6.0 , Delext 7.0

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 280518

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	491	49.4	183	10	US-09-925-301-1013
2	485	48.8	175	9	US-09-978-295A-452
3	485	48.8	175	9	US-09-978-697-452
4	485	48.8	175	9	US-09-978-192A-452

5	485	48.8	175	9	US-09-999-832A-452	Sequence 452, App
6	485	48.8	175	9	US-09-978-189-452	Sequence 452, App
7	485	48.8	175	9	US-10-174-590-424	Sequence 424, App
8	485	48.8	175	9	US-10-176-758-424	Sequence 424, App
9	485	48.8	175	9	US-10-175-737-424	Sequence 424, App
10	485	48.8	175	9	US-10-173-706-424	Sequence 424, App
11	485	48.8	175	9	US-10-175-738-424	Sequence 424, App
12	485	48.8	175	9	US-10-175-752-424	Sequence 424, App
13	485	48.8	175	9	US-10-176-482-424	Sequence 424, App
14	485	48.8	175	9	US-10-176-757-424	Sequence 424, App
15	485	48.8	175	9	US-10-176-913-424	Sequence 424, App
16	485	48.8	175	9	US-10-180-552-424	Sequence 424, App
17	485	48.8	175	9	US-10-180-557-424	Sequence 424, App
18	485	48.8	175	9	US-10-173-700-424	Sequence 424, App
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34	485	48.8	175	9	US-10-176-993-424	Sequence 424, App
35	485	48.8	175	9	US-10-184-658-424	Sequence 424, App
36	485	48.8	175	12	US-10-052-586-424	Sequence 424, App
37	360.5	36.3	174	10	US-09-925-297-753	Sequence 753, App
38	333.5	33.6	174	10	US-09-925-301-1182	Sequence 1182, App
39	186.5	18.6	158	9	US-10-025-380-1070	Sequence 1070, App
40	186.5	18.6	158	9	US-10-025-380-1077	Sequence 1077, App
41	186.5	18.6	158	9	US-10-025-380-1078	Sequence 1078, App
42	186.5	18.6	158	9	US-10-025-380-1079	Sequence 1079, App
43	186.5	18.6	158	9	US-10-025-380-1080	Sequence 1080, App
44	186.5	18.6	158	10	US-09-922-217-1070	Sequence 1070, App
45	186.5	18.6	158	10	US-09-922-217-1077	Sequence 1077, App

ALIGNMENTS

RESULT 1
US-09-925-301-1013
; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: P106
; CURRENT APPLICATION NUMBER: US/09/925,301
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1013
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

Alignment Scores:
Pred. No.: 4.74e-49 Length: 183
Score: 491.00 Matches: 82
Percent Similarity: 77.5% Conservative: 32
Best Local Similarity: 55.78% Mismatches: 33
Query Match: 49.45% Indels: 0

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Db 35 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySerLysala 54
72 TATGGTCTCTATTGCTATTCTACTGATTTTGATACCACAGACCTGGTCTCAATGCAGAACTA 131
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Db 55 TyrGlySerHisCysTyrAlaLeuPheLeuSerProLysSerTrpThrAspAlaAspLeu 74
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192 TTCGTGCTCCTCCCTGTCGAAGAACAGTTTGACGGCTACCACTGATCATCTGGATGGACTC 251
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Db 95 PheValSerSerLeuValLysSerIleGlyAsnSerTyrSerTyrValTrpIleGlyLeu 114
252 CATGATCCTCATATGCTGATACCTACCCACGGAAGTGGATGAGTGGAGGATTCCTCAAT 311
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312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
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RESULT 2
US-09-978-295A-452
; Sequence 452, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C11
; CURRENT APPLICATION NUMBER: US/09/978, 295A
; CURRENT FILING DATE: 2001-10-15

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; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
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; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
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; PRIOR APPLICATION NUMBER: 60/079728
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; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203

```


APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Guney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/378,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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;; PRIOR APPLICATION NUMBER: 60/085580
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;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-03-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:

Pred. No.: 2,348-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-697-452 (1-175)

QY 12 GAAGATCTCAAAAGAACTGCTTCTCACGTATAACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnGlyGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTATTGCTATTACTGATTTTGTACACAGACCTGGTCTTAATGCAGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGCAGACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCTCTCTGTTGAAGAACAGTTTTCACGGCTACACAGTACATCTGATTCGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCATCGTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGCTCCAAAT 311

Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAAAGTGGAGAGAACCCCTCTATTGCTGACCGCTGGTATTGCT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTTTCGTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTTGCAAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCTATATCTCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 4

US-09-978-192A-452
; Sequence 452, Application US/09978192A
; Patent No. US2002017553A1
; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004

Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-192A-452 (1-175)

QY 12 GAAGATCTCAAAAGAACTGCTTCTTACACGTATATACCTGCTCCCTCAAGCTCTGTAGC 71
Db 27 GUGluthrGlnLysIleuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTCTTACTGTTACTGATTTTATACACACAGACCTGGTCTTAATGCAGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaSerLeu 66
QY 132 TCCTGCCAGATCTTCACAGACACCTGGCATTTCTCTCAGTACTCGTGAATATAC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCTCTCTGTTGAAGAACAGTTTGCACGGCTTACACGTACATCTGGATTGGACTC 251
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QY 252 CATGATCCCTCATGTTACTACCTACCCAAACGGAAGTGGAGAGTGGACAGTTCCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
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Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTTTCGTCAGAAATCAGATTTTCAGAACTGAGAGATTTTAATTCGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTGCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 5

US-09-999-832A-452
; Sequence 452, Application US/09999832A
; Publication No. US20020192706A1

GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservatives: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: Gaps: 0

US-09-659-379-4 (1-558) x US-09-999-832A-452 (1-175)

Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTACGTATACCTCTCTCAGGCTGTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
Qy 72 TATGGTGCTTATTCCTACTGATTTTGATACACAGACCTGTCTAATGCAGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGTGGTGAATACC 191
Db 67 AlacysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGCTCCTCCCTGTGAAGAACAGTTTGACGGCCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATGATCCCTCACATGGGTACACTACCCCAACGAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGTCTGCTGACCGCTGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTTGTCTCAAAATCAGGTTTTCAGAGTGGAGAGATTATTAATGTGAANAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCCTATATCTCAAAATTCAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 6
US-09-978-189-452
; Sequence 452, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
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APPLICANT: Gerber, Hanspeter
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APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554

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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-978-189-452 (1-175)
Qy 12 GAAGAATCTCAAGAACTGCTTCTCAGGTATACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgLysSerCysProLysGlySerLysala 46
Qy 72 TATGGGTCCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTCAATGCAGAACTA 131
Db 47 TyrGlySerProCystyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTCAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86

US-09-659-379-4 (1-558) x US-10-174-590-424 (1-175)
Qy 12 GAAGAATCTCAAGAACTGCTTCTCAGGTATACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgLysSerCysProLysGlySerLysala 46
Qy 72 TATGGGTCCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTCAATGCAGAACTA 131
Db 47 TyrGlySerProCystyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTCAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGTCCTCCCTTGTGAAGAACAGTTTGACGGCCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATCATCCCTCACATGCTACATACCCACGGAAGTGGAGGAGTGGAGTGGAGTGGAGTGG 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGGTGGTTATGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTCCTGCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTTAATGTGAAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCTTATATCTCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 7
US-10-174-590-424
; Sequence 424, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Watanabe, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-424
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Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
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US-09-659-379-4 (1-558) x US-09-978-189-452 (1-175)

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Qy 12 GAAGAATCTCAAGAACTGCTTCTCAGGTATACCTGCTCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgLysSerCysProLysGlySerLysala 46
Qy 72 TATGGGTCCTATTGCTATTCTACTGATTTTGATACACAGACCTGGTCTCAATGCAGAACTA 131
Db 47 TyrGlySerProCystyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTCCAGATGCATTTCTCAGGACACCTGGCATTTCTCTCAGTACTGGTCAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
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Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGGTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTTGTCTCGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGTGAAATCAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCTATATCTGCAATTCAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 8
US-10-176-758-424
; Sequence 424, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424

Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-10-176-758-424 (1-175)
Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGTATACCTCTCCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
Qy 72 TATGGGTCCTATTGCTATTACTGATTTTATACACAGACCTGGTCTAATGCGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGGTGAATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGCGCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106

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Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGGTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
Qy 372 GCAGTTTGTCTCGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTGTGAAATCAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
Qy 432 CTTCCTATATCTGCAATTCAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 9
US-10-175-737-424
; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-10-175-737-424 (1-175)
Qy 12 GAAGAATCTCAAAAGAACTGCCTTCTCAGTATACCTCTCCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
Qy 72 TATGGGTCCTATTGCTATTACTGATTTTATACACAGACCTGGTCTAATGCGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
Qy 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGGTGAATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
Qy 192 TTCGTGTCCTCCCTGTGCAAGAACAGTTTGACGCGCTACACAGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311

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Db 107 HisAspProthrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrLeuLeuAsnProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGAGAGATTTAATTGTGAAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTCAAAATCAAG' 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 10
US-10-173-706-424
; Sequence 424, Application US/10173706
; Publication No. US2003002293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424
Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-173-706-424 (1-175)
QY 12 GAAGATCTCAAAAGAACTGCCTTCTACGTATACCTGTCTCAAGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGGTCCATTGCTATTCTACTGATTTTGATACCACAGACCTGGTCTAATGAGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCGTCAGATGCAATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTCTGTGAAGACAGTTTGACGGCCCTACCACTACATCTCGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGGACAGTTCCAAT 311
Db 107 HisAspProthrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
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QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrLeuLeuAsnProGlyHisCys 146
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAGTGAGAGATTTAATTGTGAAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174
RESULT 11
US-10-175-738-424
; Sequence 424, Application US/10175738
; Publication No. US2003002294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424
Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0
US-09-659-379-4 (1-558) x US-10-175-738-424 (1-175)
QY 12 GAAGATCTCAAAAGAACTGCCTTCTACGTATACCTGTCTCAAGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGGTCCATTGCTATTCTACTGATTTTGATACCACAGACCTGGTCTAATGAGAACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
QY 132 TCCGTCAGATGCAATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGGTGAATTAACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGCTCCCTCTGTGAAGACAGTTTGACGGCCCTACCACTACATCTCGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCCTCACATGTGTACACTACCAACGGAAGTGGATGGAAGTGGACAGTTCCAAT 311
Db 107 HisAspProthrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
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Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTCCTCAGAAATCAGGTTTCAGAGAGTGGAGAGATTTAAATGTGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTGCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 12

US-10-175-752-424
; Sequence 424, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-424

Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: Gaps: 0

US-09-659-379-4 (1-558) x US-10-175-752-424 (1-175)

QY 12 GAAGAATCTCAAAAGAACTGCTTCTCACGTATAAAGCTGCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTATGCTATTCACGTATTTGTGATACACAGACCTGGTCTTAATCGAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGTCCTCCTCTGTGAAAGAACAGTTTGACGGCTACACGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCTCATCGGTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGTTCCTCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGGAGACCCCTCTATTGCTGCTGACCGTGGTTATGCT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146

QY 372 GCAGTTCCTCAGAAATCAGGTTTCAGAGAGTGGAGAGATTTAAATGTGAAATGAG 431
Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
QY 432 CTTCCCTATATCTGCAAAATCAAG 455
Db 167 LeuProTyrValCysLysPheLys 174

RESULT 13

US-10-176-482-424
; Sequence 424, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C70
; CURRENT APPLICATION NUMBER: US/10/176,482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-482-424

Alignment Scores:
Pred. No.: 2,34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: Gaps: 0

US-09-659-379-4 (1-558) x US-10-176-482-424 (1-175)

QY 12 GAAGAATCTCAAAAGAACTGCTTCTCACGTATAAAGCTGCTCAAGGCTCTGTAGCC 71
Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
QY 72 TATGGTCTCTATGCTATTCACGTATTTGTGATACACAGACCTGGTCTTAATCGAAGACTA 131
Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaLeu 66
QY 132 TCCTGCCAGATGCATTTCTCAGACACCTGGCATTTCTCTCAGTACTGGTGAATATACC 191
Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
QY 192 TTCGTGTCCTCCTCTGTGAAAGAACAGTTTGACGGCTACACGTACATCTGGATTGGACTC 251
Db 87 PheValSerSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
QY 252 CATGATCCTCATCGGTACACTACCAACGGAAGTGGATGGAAGTGGAGCAGTTCCTCAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
QY 312 GTGCTGACCTTCTATAACTGGGAGGAGACCCCTCTATTGCTGCTGACCGTGGTTATGCT 371
Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
QY 372 GCAGTTCCTCAGAAATCAGGTTTCAGAGAGTGGAGAGATTTAAATGTGAAATGAG 431

Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166

Qy 432 CTTCCTATATCTGCAAAATTCAG 455
|||||:|||||

Db 167 LeuProTyrValCysLysPheLys 174

RESULT 14

US-10-176-757-424

: Sequence 424, Application US/10176757

: Publication No. US20030022297A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: TITLE OF INVENTION: ACIDS ENCODING THE SAME

: FILE REFERENCE: P3430R1C86

: CURRENT APPLICATION NUMBER: US/10/176,757

: CURRENT FILING DATE: 2002-06-20

: Prior Application removed - See File Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 424

: LENGTH: 175

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-176-757-424

Alignment Scores:

Pred. No.: 2.34e-48 Length: 175

Score: 485.00 Matches: 81

Percent Similarity: 77.70% Conservative: 34

Best Local Similarity: 54.73% Mismatches: 33

Query Match: 48.84% Indels: 0

DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-10-176-757-424 (1-175)

Qy 12 GAAGATCTCAAAAGAACTGCCCTTCTCAGGTATAACCTGTCCCTCAAGGCTCTGTAGCC 71
|||||:|||||:|||||

Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
|||||:|||||:|||||

Qy 72 TATGGTCTCTATTGCTACTGATTTTGATACACAGACCTGGTCTCAATGCAGAACTA 131
|||||:|||||:|||||

Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
|||||:|||||:|||||

Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATATACC 191
|||||:|||||:|||||

Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
|||||:|||||:|||||

Qy 192 TTCGTGCTCCTCCCTGTGAGAACAGTTTGACGGCCTACCACTACATCTGGATTGGACTC 251
|||||:|||||:|||||

Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
|||||:|||||:|||||

Qy 252 CATGATCCCTCACATGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCCAAT 311
|||||:|||||:|||||

Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
|||||:|||||:|||||

Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGGGTTATGT 371
|||||:|||||:|||||

Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
|||||:|||||:|||||

Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATGTGCAAAATCAG 431
|||||:|||||:|||||

Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
|||||:|||||:|||||

Qy 432 CTTCCTATATCTGCAAAATTCAG 455
|||||:|||||

Db 167 LeuProTyrValCysLysPheLys 174

RESULT 15

US-10-176-913-424

: Sequence 424, Application US/10176913

: Publication No. US20030022298A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: TITLE OF INVENTION: ACIDS ENCODING THE SAME

: FILE REFERENCE: P3430R1C66

: CURRENT APPLICATION NUMBER: US/10/176,913

: CURRENT FILING DATE: 2002-06-20

: Prior Application removed - See file Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 424

: LENGTH: 175

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-176-913-424

Alignment Scores:

Pred. No.: 2.34e-48 Length: 175

Score: 485.00 Matches: 81

Percent Similarity: 77.70% Conservative: 34

Best Local Similarity: 54.73% Mismatches: 33

Query Match: 48.84% Indels: 0

DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-10-176-913-424 (1-175)

Qy 12 GAAGATCTCAAAAGAACTGCCCTTCTCAGGTATAACCTGTCCCTCAAGGCTCTGTAGCC 71
|||||:|||||:|||||

Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLysGlySerLysAla 46
|||||:|||||:|||||

Qy 72 TATGGTCTCTATTGCTACTGATTTTGATACACAGACCTGGTCTCAATGCAGAACTA 131
|||||:|||||:|||||

Db 47 TyrGlySerProCysTyrAlaLeuPheLeuSerProLysSerTrpMetAspAlaAspLeu 66
|||||:|||||:|||||

Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCTTCTCAGTACTGGTGAATATACC 191
|||||:|||||:|||||

Db 67 AlaCysGlnLysArgProSerGlyLysLeuValSerValLeuSerGlyAlaGluGlySer 86
|||||:|||||:|||||

Qy 192 TTCGTGCTCCTCCCTGTGAGAACAGTTTGACGGCCTACCACTACATCTGGATTGGACTC 251
|||||:|||||:|||||

Db 87 PheValSerLeuValArgSerIleSerAsnSerTyrSerTyrIleTrpIleGlyLeu 106
|||||:|||||:|||||

Qy 252 CATGATCCCTCACATGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCCAAT 311
|||||:|||||:|||||

Db 107 HisAspProThrGlnGlySerGluProAspGlyAspGlyTrpGluTrpSerSerThrAsp 126
|||||:|||||:|||||

Qy 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGGGTTATGT 371
|||||:|||||:|||||

Db 127 ValMetAsnTyrPheAlaTrpGluLysAsnProSerThrIleLeuAsnProGlyHisCys 146
|||||:|||||:|||||

Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATGTGCAAAATCAG 431
|||||:|||||:|||||

Db 147 GlySerLeuSerArgSerThrGlyPheLeuLysTrpLysAspTyrAsnCysAspAlaLys 166
|||||:|||||:|||||

Qy 432 CTTCCTATATCTGCAAAATTCAG 455
|||||:|||||

Db 167 LeuProTyrValCysLysPheLys 174

Search completed: February 13, 2003, 22:51:43
Job time : 14.5 secs

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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 16:17:20 ; Search time 45 Seconds
(without alignments)
3802.792 Million cell updates/sec

Title: US-09-659-379-4
Perfect score: 558
Sequence: 1 CCGCGGATCCGAGAAATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA.*
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2: /cgn2.6/ptodata/2/ina/5B_COMB.seq.*
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5: /cgn2.6/ptodata/2/ina/PTUS_COMB.seq.*
6: /cgn2.6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	558	100.0	558	1	US-08-909-725-4
2	536	96.1	747	2	US-08-709-662-1
3	516	92.5	586	4	US-09-146-969-3
4	471.6	84.5	747	2	US-08-401-530A-1
5	247	44.3	762	2	US-08-822-261-2
6	240.6	43.1	797	2	US-08-464-637-1
7	240.6	43.1	797	2	US-08-822-261-5
8	231.2	41.4	798	1	US-07-778-156-12
9	231.2	41.4	798	2	US-08-822-261-6
10	231.2	41.4	798	2	US-08-822-166-12
11	231.2	41.4	798	4	US-09-146-969-2
12	227.6	40.8	793	1	US-07-778-156-1
13	227.6	40.8	793	2	US-08-422-166-1
14	209.2	37.5	474	1	US-07-778-156-8
15	209.2	37.5	474	2	US-08-422-166-8
16	206.4	37.0	522	1	US-07-778-156-4
17	206.4	37.0	522	2	US-08-422-166-4
18	170	30.5	602	4	US-09-385-982-257
19	116.8	20.9	610	4	US-09-385-982-229
20	115.4	20.7	777	4	US-09-146-969-1
21	102.2	18.3	590	2	US-08-454-557C-32
22	102.2	18.3	590	2	US-08-340-426D-32
23	102.2	18.3	590	2	US-08-450-673C-32
24	102.2	18.3	590	5	PCT-US95-17111A-32
25	88.4	15.8	622	4	US-09-385-982-224
26	75.6	13.5	378	2	US-08-454-557C-16
27	75.6	13.5	378	2	US-08-340-426D-16

28	75.6	13.5	378	2	US-08-450-673C-16	Sequence 16, Appl
29	75.6	13.5	378	5	PCT-US95-17111A-16	Sequence 16, Appl
30	73.4	13.2	306	1	US-07-778-156-9	Sequence 9, Appl
31	73.4	13.2	306	2	US-08-422-166-9	Sequence 9, Appl
32	58	10.4	659	4	US-09-385-982-319	Sequence 319, Appl
33	51.2	9.2	3411	4	US-09-146-969-4	Sequence 4, Appl
34	46.6	8.4	140	1	US-08-518-878B-8	Sequence 8, Appl
35	46.6	8.4	140	1	US-08-294-522B-8	Sequence 8, Appl
36	46.6	8.4	140	2	US-08-807-861A-8	Sequence 8, Appl
37	46.6	8.4	140	2	US-08-470-868A-8	Sequence 8, Appl
38	46.6	8.4	140	3	US-09-210-681-8	Sequence 8, Appl
39	46.6	8.4	140	3	US-08-946-719A-8	Sequence 8, Appl
40	45	8.1	140	1	US-08-518-878B-7	Sequence 7, Appl
41	45	8.1	140	1	US-08-294-522B-7	Sequence 7, Appl
42	45	8.1	140	2	US-08-807-861A-7	Sequence 7, Appl
43	45	8.1	140	2	US-08-470-868A-7	Sequence 7, Appl
44	45	8.1	140	3	US-09-210-681-7	Sequence 7, Appl
45	45	8.1	140	3	US-08-946-719A-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1
US-08-909-725-4
; Sequence 4, Application US/08909725
; Patent No. 5804427
; GENERAL INFORMATION:
; APPLICANT: Vintenger, Gary
; APPLICANT: Pittenger, Gary
; APPLICANT: Barlow, Scott
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909.725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 558 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-909-725-4

Query Match 100.0%; Score 558; DB 1; Length 558;
Best Local Similarity 100.0%; Pred. No. 2.6e-174;

Matches 558; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGCGGATCCCGAAGAACTCAAAAGAACTGCTTCTTCAAGTATAACCTGCTCCTCAAG 60
Db 1 CGCGGATCCCGAAGAACTCAAAAGAACTGCTTCTTCAAGTATAACCTGCTCCTCAAG 60

Qy 61 GCTCTGTAGCTATGGGCTTATGCTTATTCACCTGATTTGATACACAGACCTGGTCTA 120
Db 61 GCTCTGTAGCTATGGGCTTATGCTTATTCACCTGATTTGATACACAGACCTGGTCTA 120

Qy 121 ATGCAGAACTATCTCGCAGATGATTTCTCAGGACACCTGGCAATTTCTTCAGTACTG 180
Db 121 ATGCAGAACTATCTCGCAGATGATTTCTCAGGACACCTGGCAATTTCTTCAGTACTG 180

Qy 181 GTGAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTACTCT 240
Db 181 GTGAATACCTTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTACTCT 240

Qy 241 GGATTGGACTCCATGATCCCTCACATGCTTACACTACCCACGGAAGTGGAGTGGGA 300
Db 241 GGATTGGACTCCATGATCCCTCACATGCTTACACTACCCACGGAAGTGGAGTGGGA 300

Qy 301 GCAGTTCCAAATGCTGACCTTCTTAATCTGAGGAGGAAACCCCTCTATTTGCTGCTGACC 360
Db 301 GCAGTTCCAAATGCTGACCTTCTTAATCTGAGGAGGAAACCCCTCTATTTGCTGCTGACC 360

Qy 361 GTGGTTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATT 420
Db 361 GTGGTTATTGTCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTTAATT 420

Qy 421 GTGAAATGAGCTTCCCTTATATCTCAAAATCAAGGTTAGGCGATTTCTAATTTCAACA 480
Db 421 GTGAAATGAGCTTCCCTTATATCTCAAAATCAAGGTTAGGCGATTTCTAATTTCAACA 480

Qy 481 GCTTGAAATATATGAGCTCACATGAGCAAGCAAGCAAGTATGAGGATTCACCTCAGGA 540
Db 481 GCTTGAAATATATGAGCTCACATGAGCAAGCAAGCAAGTATGAGGATTCACCTCAGGA 540

Qy 541 AGAGCACTCGAGCCGGTC 558
Db 541 AGAGCACTCGAGCCGGTC 558

Handwritten signature

RESULT 2
US-08-709-662-1
; Sequence 1, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.

NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570,59178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Cricetus
NAME/KEY: CDS
LOCATION: 20..541
US-08-709-662-1

Query Match 96.1%; Score 536; DB 2; Length 747;
Best Local Similarity 99.1%; Pred. No. 5.4e-167;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3 CGCGATCCCGAAGAACTCAAAAGAACTGCTTCTTCAAGTATAACCTGCTCCTCAAGGC 62
Db 86 GTGGAAGTGAAGAACTCAAAAGAACTGCTTCTTCAAGTATAACCTGCTCCTCAAGGC 145

Qy 63 TCTGTAGCTATGGTCTCTTATGCTTATTCACCTGATTTTGATACACACCTGGTCTAAT 122
Db 146 TCTGTAGCTATGGTCTCTTATGCTTATTCACCTGATTTTGATACACACCTGGTCTAAT 205

Qy 123 GCAGAACTATCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGT 182
Db 206 GCAGAACTATCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCAGTACTGGT 265

Qy 183 GAAATACCTTCGTCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTGGAGC 242
Db 266 GAAATACCTTCGTCTCCCTTGTGAAGAACAGTTTGACGGCCTACCAAGTGGAGC 325

Qy 243 ATTGGACTCCATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGAGTGGAGC 302
Db 326 ATTGGACTCCATGATCCCTCACATGGTACACTACCCAAACGGAAGTGGAGTGGAGC 385

Qy 303 AGTTCCAAATGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
Db 386 AGTTCCAAATGCTGACCTTCTATACTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 445

Qy 363 GGTATTGTCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGATTTAATTGT 422
Db 446 GGTATTGTCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGATTTAATTGT 505

Qy 423 GAAATGAGCTTCCCTATATCTCAAAATTCAGGCTCTAGGCGATTTCTAATTTCAACAGC 482
Db 506 GAAATGAGCTTCCCTATATCTCAAAATTCAGGCTCTAGGCGATTTCTAATTTCAACAGC 565

Qy 483 TTGAAATATTTATGAAGCTCACATGGACAAAGCAAGTATGAGGATTCACCTCAGGAAG 542
Db 566 TTGAAATATTTATGAAGCTCACATGGACAAAGCAAGTATGAGGATTCACCTCAGGAAG 625

Qy 543 AGCA 546
Db 626 AGCA 629

RESULT 3
US-09-146-969-3
; Sequence 3, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-3

Query Match 92.5%; Score 516; DB 4; Length 586;
Best Local Similarity 99.0%; Pred. No. 1.9e-160;
Matches 519; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 GCGGATCCCGAAGATCTCAAAAGAACTGCTTCTTACGATATACCTGCTCCTCAAGGC 62
DB 63 GTGGAGGTGAAGATCTCAAAAGAACTGCTTCTTACGATATACCTGCTCCTCAAGGC 122
QY 63 TCTGTAGCCTATGGGTCCTATTGCTATTCACATGATTTTGATACACAGACCTGGTCTAAT 122
DB 123 TCTGTAGCCTATGGGTCCTATTGCTATTCACATGATTTTGATACACAGACCTGGTCTAAT 182
QY 123 GCAGACTATCTGCCAGATGCTTCTTACGACACCTGGCATTTCTTCAAGTACTGGT 182
DB 183 GCAGAACTATCTGCCAGATGCTTCTTACGACACCTGGCATTTCTTCAAGTACTGGT 242
QY 183 GAAATACCTTCTGCTCCCTCTGCTGGAAGAACAGTTTTCAGCGCCTACCAATACATCTGG 242
DB 243 GAAATACCTTCTGCTCCCTCTGCTGGAAGAACAGTTTTCAGCGCCTACCAATACATCTGG 302
QY 243 ATTGACTCCATGATCCCTACATGCTACATACCAAGGAGTGGATGGAGTGGAGC 302
DB 303 ATTGACTCCATGATCCCTACATGCTACATACCAAGGAGTGGATGGAGTGGAGC 362
QY 303 AGTTCCATGCTGCTGACCTTCTTACGTTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
DB 363 AGTTCCATGCTGCTGACCTTCTTACGTTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 422
QY 363 GGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATTGT 422
DB 423 GGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATTGT 482
QY 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 482
DB 483 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 542
QY 483 TTGAAATATTATGAAGCTCACATGGACAGGAAAGCATATGA 526
DB 543 TTGAAATATTATGAAGCTCACATGGACAGGAAAGCATATGA 586

RESULT 4
US-08-401-530A-1
; Sequence 1, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGP PROTEIN INVOLVED IN PANCREATIC
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20...541
US-08-401-530A-1

Query Match 84.5%; Score 471.6; DB 2; Length 747;
Best Local Similarity 98.1%; Pred. No. 9.1e-145;
Matches 477; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3 GCGGATCCCGAAGATCTCAAAAGAACTGCTTCTTACGATATACCTGCTCCTCAAGGC 62
DB 86 GTGGAGGTGAAGATCTCAAAAGAACTGCTTCTTACGATATACCTGCTCCTCAAGGC 145
QY 63 TCTGTAGCCTATGGGTCCTATTGCTATTCACATGATTTTGATACACAGACCTGGTCTAAT 122
DB 146 TCTGTAGCCTATGGGTCCTATTGCTATTCACATGATTTTGATACACAGACCTGGTCTAAT 205
QY 123 GCAGAACTATCTGCCAGATGCTTCTTACGACACCTGGCATTTCTTCAAGTACTGGT 182
DB 206 GCAGAACTATCTGCCAGATGCTTCTTACGACACCTGGCATTTCTTCAAGTACTGGT 265
QY 183 GAAATACCTTCTGCTGCTCCCTCTGTTGAAGAACAGTTTTCAGCGCCTACCAATACATCTGG 242
DB 266 GAAATACCTTCTGCTGCTCCCTCTGTTGAAGAACAGTTTTCAGCGCCTACCAATACATCTGG 325
QY 243 ATTGACTCCATGATCCCTACATGCTACACTACCAAGGAGTGGATGGAGTGGAGC 302
DB 326 ATTGACTCCATGATCCCTACATGCTACACTACCAAGGAGTGGATGGAGTGGAGC 385
QY 303 AGTTCCATGCTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 362
DB 386 AGTTCCATGCTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGT 445
QY 363 GGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATTGT 422
DB 446 GGTATTGTGCGAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTAATTGT 505
QY 423 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 482
DB 506 GAAATGAGCTTCCCTATATCTGCAAAATCAAGGCTAGGGCAGTTCTAATTTCAACAGC 565
QY 483 TTGAAA 488
DB 566 GAGCAA 571

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RESULT 5
US-08-822-261-2
; Sequence 2, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 762 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: ISL/NOT01
; CLONE: 2072483
US-08-822-261-2
Query Match 44.3%; Score 247; DB 2; Length 762;
Best Local Similarity 66.4%; Pred. No. 9.8e-72;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAGAAACTGCTTCTCAGGTATACCTGCTCCTCAGGCTCTGTAGCC 71
Db 192 GAAGAAACCCAGAAAGAACTGCCCTCTCCACGGATCAGCTGCCAAAGGCTCCAAAGGCC 251

Qy 72 TATGGTCTTATTTGCTATCTACTGATTTTGTATACCAAGAGCTGTCTTAATGTCAGAACTA 131
Db 252 TATGGCTCCCTGCTATGCTCTGTTTGTTCACCAAAATCCTGGATGGATGCAGATCTG 311

Qy 132 TCCTGCCAGATGCAATTTCTCAGGACACCTGTCATTTCTCTCAGTACTGTTGGAATTAACC 191
Db 312 GCTTCCAGAAAGGCGCCCTCTGGAAGAACTGGTGTCTGTCTCAGTGGGCTGAGGGATCC 371

Qy 192 TTCGTGCTCCTCTGTTGAAGACAGAGTTTGAGCGCTCACCAGTACATCTGATGGATC 251
Db 372 TTCGTGCTCCTCCTGTTGAGGAGCAATTAGTAAACAGCTACTCATACATCTGGATGGGCTC 431

Qy 252 CATGATCCTCAGATGGTACACTACCCAAAGGAAGTGTGATGGAAGTGGAGAGTTTCCAAAT 311
Db 432 CATGACCCACACAGGGCTCTGAGGCTGATGGAGATGATGGAGTGGAGTAGTACTGAT 491

Qy 312 GTCGTCACCTTCTATTAAGTGGAGAGGAACCCCTTATTTGCTGCTGACCGTGGTTATGTT 371
Db 491 GTCGTCACCTTCTATTAAGTGGAGAGGAACCCCTTATTTGCTGCTGACCGTGGTTATGTT 371

us-09-659-379-4.rni
Db 492 GTGATGAATTACTTTTGCATGGGAGAAAAATCCCTCACCACATCTTAAACCCCTGCCACTGT 551
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAAATGCTGAAATGAG 431
Db 552 GGGAGCCTGTCAAGAAGACACAGGATTTCTGAAGTGGAAAGATTATAACTGTGATGCAAG 611
Qy 432 CTTCCCTATATCTGCAAAATTCAGAGTCTAGGGCAGTTCATTTTCAACAGCTTGAAATA 491
Db 612 TTACCTATGCTGCAAGTTCAAGGACTAGGGCAGGTGGGAGTGGGAGCTCAGCCTCAGCTTG 671
Qy 492 TTATGAAGTCCATCATGGACAAGCAAGATGATGAGGATTCACCTCAGGAAGAGCA 546
Db 672 GCGTGCAGCTCATCATGACATGAGACCATGAGACCTGTCAGAGACTCACCTTGGAAAGAA 726

RESULT 6
US-08-464-637-1
; Sequence 1, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Sales, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended)
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 43..567 /product= "human
; OTHER INFORMATION: pancreatitis-associated protein"
; OTHER INFORMATION: /note= "see, Fig. 3"
US-08-464-637-1
Query Match 43.1%; Score 240.6; DB 2; Length 797;
Best Local Similarity 65.6%; Pred. No. 1.3e-69;
Matches 351; Conservative 0; Mismatches 184; Indels 0; Gaps 0;
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Qy 12 GAAGAATCTCAAAAGAAACTGCCCTCTTACAGTATAACCTGCTCCTCAAGGCTCTGTAGCC 71
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Db 121 GAAGAACCAGAGGAACTGCCCTCTGCACGGATCCGCTGTCCAAAGGCTCCAAGGCC 180
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 72 TATGGGCTTATTGCTATTCTACTGATTTGTATACACAGACCTGGTCTAATGCAGAACTA 131
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 181 TATGGCTCCCACTGCTATGCCCTGTTTGTACCAAAATCTCGACAGATGCAGATCTG 240
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Qy 132 TCCTGCCAGATGCAATTTCTCAGGACACTGGCATTCTTCACAGAACTGTAATGCAGAACTA 191
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 241 GCCTGCCAGAAAGCGGCCCTCTGGAAGCTGGTGTCTGTCTCAGTGGGGCTGAGGGATCC 300
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Qy 192 TTCCTGTCTCCCTCTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGATTTGGACTC 251
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Db 301 TTCCTGTCTCCCTCTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGATTTGGGCTC 360
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 252 CATGATCCCTCACATGTTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 361 CATGACCCACACAGGGCACCAGCCCAATGGGAAGTTGGGAGTGGAGTAGCAGTGT 420
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 312 GTGCTGACCTTCTAATCTGGAGAGGAACCCCTCTATTGCTGTGACCGTGGTTATTGT 371
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 421 GTGATGAATTACTTTCATGCGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACTGT 480
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATGTGAAATAGAG 431
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 481 GCGAGCCTGTGGAAGACACAGCATTTCTGAGGTGGAAGATTATAACTGTGAATGTGAGG 540
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 432 CTTCCTATATCTCAAAATTCAGGCTTAGGGCAGTTCTAATTTCAACAGCTTGAAAATA 491
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Db 541 TTACCTATGTCTGCAAGTTCACCTGACTAGTGCAGAGGGAGTCAAGCAGCCTGTGTTG 600
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RESULT 7

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US-08-822-261-5
; Sequence 5, Application US/0882261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555

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; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 797 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 262368
; US-08-822-261-5

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Query Match

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Best Local Similarity 43.18; Score 240.6; DB 2; Length 797;
Matches 351; Conservative 0; Mismatches 184; Indels 0; Gaps 0;

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Qy 12 GAAGAATCTCAAAAGAAACTGCCCTCTTACAGTATAACCTGCTCCTCAAGGCTCTGTAGCC 71
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Db 121 GAAGAACCAGAGGAACTGCCCTCTGCACGGATCCGCTGTCCAAAGGCTCCAAGGCC 180
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Qy 72 TATGGGCTTATTGCTATTCTACTGATTTGTATACACAGACCTGGTCTAATGCAGAACTA 131
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Db 181 TATGGCTCCCACTGCTATGCCCTGTTTGTACCAAAATCTCGACAGATGCAGATCTG 240
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Qy 132 TCCTGCCAGATGCAATTTCTCAGGACACTGGCATTCTTCACAGAACTGTAATGCAGAACTA 191
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 241 GCCTGCCAGAAAGCGGCCCTCTGGAAGCTGGTGTCTGTCTCAGTGGGGCTGAGGGATCC 300
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Qy 192 TTCCTGTCTCCCTCTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGATTTGGACTC 251
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Db 301 TTCCTGTCTCCCTCTGTGAAGAACAGTTTGACGGCCTACCACTACATCTGATTTGGGCTC 360
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Qy 252 CATGATCCCTCACATGTTACACTACCCAAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
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Db 361 CATGACCCACACAGGGCACCAGCCCAATGGGAAGTTGGGAGTGGAGTAGCAGTGT 420
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Qy 312 GTGCTGACCTTCTAATACTGGAGAGGAACCCCTCTATTGCTGTGACCGTGGTTATTGT 371
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 421 GTGATGAATTACTTTCATGCGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACTGT 480
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATGTGAAATAGAG 431
    ||||| || || ||||| || ||||| || ||||| || ||||| || ||||| || ||||| ||
Db 481 GCGAGCCTGTGGAAGACACAGCATTTCTGAGGTGGAAGATTATAACTGTGAATGTGAGG 540
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Qy 432 CTTCCTATATCTCAAAATTCAGGCTTAGGGCAGTTCTAATTTCAACAGCTTGAAAATA 491
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Db 541 TTACCTATGTCTGCAAGTTCACCTGACTAGTGCAGAGGGAGTCAAGCAGCCTGTGTTG 600
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Qy 492 TTATGAAGCTCAGATGGAAGCAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 546
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Db 601 GTGTGCAACTCATGCGCATGAGACCACTGTGAGGACTCACCTTGGAGAGAA 655
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```

RESULT 8

```

US-07-778-156-12
; Sequence 12, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 798 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
ORGANISM: Homo sapiens
TISSUE TYPE: pancreas
US-07-778-156-12

Query Match 41.4%; Score 231.2; DB 1; Length 798;
Best Local Similarity 65.7%; Pred. No. 1.6e-66;
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;
QY 12 GAAGAATCTCAAAAGAACTGCCTTCTTCAGGTATACCTGTCTCTCAAGGCTCTGTAGCC 71
DB 121 GAAGACCCAGAGGAACTGCCTCTGCAGGATCGCTGCCAAAGGCTCCAAGGCC 180
QY 72 TATGGGTCTTATTCCTATTCAGTATACACAGACCTGGTCTAATGCAGAACTA 131
DB 181 TATGGCTCCCACTGATGCTTTTGTACCAAAATCCTGGACAGATGCAGATCTG 240
QY 132 TCCTGCCAGATGCATTTCTCAGGACACTGGCATTTCTTCAGTACTGTGAAATFACC 191
DB 241 GCCTGCCAGAGGCGCCCTCTGGAACCTGGTCTGTCTCAGTGGGCTGAGGGATCC 300
QY 192 TTCGTGCTCCCTCTGGAAGAACTGTTTGCAGGCTTACCAGTACATCTCGATTGGACTC 251
DB 301 TTCGTGCTCCCTCTGGAAGAACTGTTTGCAGGCTTACCAGTACATCTCGATTGGACTC 360
QY 312 GTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTCTGCTGACCTGGTATTGT 371
DB 421 GTGATGAATTTTGCATGGGAGAGAAATCCCTCTCCACCATCTCAAGCCCGCCACTGT 480
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTATTATTTGAAATGAG 431
DB 481 GCGAGCCTCTGAGAGACAGCATTTCTGAGGTGGAAGATTATACTGTAATGTGAGG 540
QY 432 CTTCCCTATATCTGCAAA-TTCAAGGTCTAGGCGAGTTCTAAATTTCAACAGCTTGAAT 490
DB 541 TTACCTATCTGTCAGAGTTCACTGACTAGTCAGAGGAGGAGTCAAGAGCTGTGTTT 600
QY 491 ATTATGAAGCTCAATGGACGAAGCAAGTATGAGGATTTCACTCAGGAAGACA 546
DB 601 GGTGTCAACTCATATGATGGCATGAGACCATGTGTGAGGACTCACCTCTGGAAGAA 656

RESULT 9
US-08-822-261-6
; Sequence 6, Application us/0882261

Patent No. 5935813
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE: Filed Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 798 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Genbank
CLONE: 189600
US-08-822-261-6
Query Match 41.4%; Score 231.2; DB 2; Length 798;
Best Local Similarity 65.7%; Pred. No. 1.6e-66;
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;
QY 12 GAAGAATCTCAAAAGAACTGCCTTCTTCAGGTATACCTGTCTCTCAAGGCTCTGTAGCC 71
DB 121 GAAGACCCAGAGGAACTGCCTCTGCAGGATCGCTGTCCCAAGGCTCCAAGGCC 180
QY 72 TATGGGTCTTATTCCTATTCAGTATACACAGACCTGGTCTAATGCAGAACTA 131
DB 181 TATGGTCTCCCACTGATGCTTTTGTACCAAAATCCTGGACAGATGCAGATCTG 240
QY 132 TCCTGCCAGATGCATTTCTCAGGACACTGGCATTTCTTCAGTACTGTGAAATFACC 191
DB 241 GCCTGCCAGAGGCGCCCTCTGGAACCTGGTCTGTCTCAGTGGGCTGAGGGATCC 300
QY 192 TTCGTGCTCCCTCTGGAAGAACTGTTTGCAGGCTTACCAGTACATCTCGATTGGACTC 251
DB 301 TTCGTGCTCCCTCTGGAAGAACTGTTTGCAGGCTTACCAGTACATCTCGATTGGACTC 360
QY 252 CATGATCCCTCAGATGGTATACACTACCCAAAGGAGTGGATGGAGTGGAGCAGTTCCAAT 311
DB 361 CATGACCCACACAGGCGCACCAATGGAGAGGTTGGGAGTGGAGTGGAGTGGAT 420
QY 312 GTGCTGACCTTCTATTAACCTGGAGAGAACCCCTCTATTCTGCTGACCTGGTATTGT 371
DB 421 GTGATGAATTTTGCATGGGAGAGAAATCCCTCTCCACCATCTCAAGCCCGCCACTGT 480
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAGTGGAGAGATTATTATTTGAAATGAG 431

Db 481 GCGAGCCTGTGCGAAGCACAGCATTCTTGAGGTGGAAGATTATACTGTAATGTGAGG 540
Qy 432 CTTCCCTATATCTCAAA-TTCAAGGTCTAGCGGAGTCTTAATTTCAACAGCTTGAAAT 490
Db 541 TTACCCTATGCTCGAAGTTCACTGACTAGTGCAGGAGGAATCAGCAGCCTGTGTTT 600
Qy 491 ATTATGAAGCTCACATGACAGCAAGGAAGCAAGTATGAGGATTTCACTCAGGAAGACA 546
Db 601 GGTGTGCAACTCATCATGGGCATGAGACCAGTGTGAGGACTCACCTGTGAAGAGAA 656

RESULT 10

US-08-422-166-12
; Sequence 12, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
; ADDRESS: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422.166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 798 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
US-08-422-166-12

Query Match 41.4%; Score 231.2; DB 2; Length 798;
Best Local Similarity 65.7%; Pred. No. 1.6e-66;
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Qy 12 GAAGAATCTCAAAAGAACTGCCCTTCTCAGCTATAACCTGTCTCAAGGCTCTGTAGCC 71
Db 121 GAAGAACCCAGAGGAACTGCCCTCTGCACGGATCCGCTGTCCAAAGGCTCCAAAGGCC 180
Qy 72 TATGGTCTTATTGCTATTCTACTGATTTTGATACCACAGACCTGGTCTAATGCAGAACTA 131

Db 181 TATGGTCTCCCACTCTATGCTTGTGTTTTGTACCAAAATCCTGGACAGATGCAGATCTG 240
Qy 132 TCCCTGCAGATGCATTTCTCAGGACACCTGCGCATTTCTCTCAGTACTGTTGAAATTAACC 191
Db 241 GCCTGCCAGAAAGCGGCCCTCTGGAACCTGTGTCTGTGCTCAGTGGGGCTGAGGGATCC 300
Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACACAGCTTTTGACGGCCTACCACTACATCTCGGATTTGACTC 251
Db 301 TTCGTGCTCCTCCCTGGTGAAGAGCATTTGTAACAGCTACTCATACGCTCGATTTGGGCTC 360
Qy 252 CATGATCCCTCACATGGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
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Qy 312 GTGCTGACCTTCTATAACTGGGAGAGGAACCCCTCTATTGCTGCTGACCGTGTATTGT 371
Db 421 GTGATGAATTAATTTGTCATGGGAGAGAAATCCCHCCACCATCTCAAGCCCGGCCACTGT 480
Qy 372 GCAGTTTTTGTCTCAGAAATCAGGTTTTTCAGAAAGTGGAGAGATTTTAATTTGTAATAATGAG 431
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Qy 491 ATTATGAAGCTCACATGTCNAAGGAAGCAAGTATGAGGATTTCACTCAGGAGAGCA 546
Db 601 GGTGTGCAACTCATCATGGGCATGAGACCCAGTGTGAGGACTCACCTTGGGAAGAGAA 656

RESULT 11

US-09-146-969-2
; Sequence 2, Application US/09146969
; Patent No. 6228585
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255, 75314
; CURRENT APPLICATION NUMBER: US/09/146,969
; CURRENT FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 798
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-969-2

Query Match 41.4%; Score 231.2; DB 4; Length 798;
Best Local Similarity 65.7%; Pred. No. 1.6e-66;
Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Qy 12 GAAGAATCTCAAAAGAACTGCCCTTCTCAGCTATAACCTGTCTCTCAAGGCTCTGTAGCC 71
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Qy 72 TATGGTCTTATTGCTATTCTACTGATTTTGATACCACAGACCTGGTCTAATGCAGAACTA 131
Db 181 TATGGTCTCCCACTCTATGCTTGTGTTTTGTACCAAAATCCTGGACAGATGCAGATCTG 240
Qy 132 TCCCTGCAGATGCATTTCTCAGGACACCTGCGCATTTCTCTCAGTACTGTTGAAATTAACC 191
Db 241 GCCTGCCAGAAAGCGGCCCTCTGGAACCTGTGTCTGTGCTCAGTGGGGCTGAGGGATCC 300
Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACAGTTTGACGGCCTACCACTACATCTCGATTTGGACTC 251
Db 301 TTCGTGCTCCTCCCTGGTGAAGAGCATTTGTAACAGCTACTCATACGCTCGATTTGGGCTC 360
Qy 252 CATGATCCCTCACATGGTGTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCAGTTCCAAT 311
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QY 312 GTGCTGACCTTCTATAACTGGGAGGAGAACCCCTCTATTGCTGCTACCGTGGTTATTGT 371
 Db 421 GTGATGAATTACTTGTGATGGGAGAGAAATCCCTCCACCATCTCAAGCCCGGCCACTGT 480
 QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTAATTTGTAAGAAATGAG 431
 Db 481 GCGAGCCTGTGCGAGAACGACAGCATTTCTGAGGTGGAAGATTATAACTGTAATGTGAGG 540
 QY 432 CTTCCCTATATCTGCAAA-TTCAGGFTCTAGGCGAGTTCTAATTTCAACAGCTTGAAT 490
 Db 541 TTACCCCTATGCTGCTCAAAAGTTCACTGACTAGTGCAGGAGGGAAGTCAAGAGCCTGTGTTT 600
 QY 491 ATTATGAAGTTCACATGCAGCAAGGAAACCAAGTATGAGGATTTCACTCAGGAGAGCA 546
 Db 601 GGTGTGAAGTTCATGCGGCATCAGACCATGAGACAGTGTGAGGACTCACCTCGGAGAGAA 656

RESULT 12
 US-07-778-156-1
 ; Sequence 1, Application US/07778156
 ; Patent No. 5436169
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07778,156
 ; FILING DATE: 19911219
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5436169man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 793 base pairs
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: cDNA to mRNA
 ; ORIGINAL SOURCE:
 ; ORGANISM: rat
 ; TISSUE TYPE: pancreas
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 62..613
 ; US-07-778-156-1

Query Match 40.8%; Score 227.6; DB 1; Length 793;
 Best Local Similarity 65.4%; Pred. No. 2.5e-65;
 Matches 349; Conservative 0; Mismatches 184; Indels 1; Gaps 1;

QY 12 GAAGAAATCTCAAAAGAACTGCCTTCTTACGTATAACCTGTCTCAAGGCTCTGTAGCC 71
 Db 140 GAGACTCTCGAAGAAATACCTCTGACGATAGTTGCCCCAAGGCTCCAGGCA 199
 QY 72 TATGGGTCTTATTTGCTATTCACATGATTTTGTATACACAGACCTGGTCTAATGAGAACTA 131
 Db 200 TATGGGTCTTATTTGCTATTCACATGATTTTGTATACACAGACCTGGTCTAATGAGAACTG 259
 QY 132 TCTGCGCAGATGATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGTGTAATTTACC 191
 Db 260 GCTGCGCAGGAGAGACTGGAAGGACACCTTGTATCTGTGCTCAATGTAGTGAAGCTTCA 319
 QY 192 TTGCTGCTCTCCCTTGTGAAGAACAGTTTTCACGGCCCTACCCAGTACATCTCGATTGGACTC 251
 Db 320 TTCTTGGCATCCATGCTCAAGAACACTGGGAACAGCTACCAATATACCTCGATTGGACTC 379
 QY 252 CATGATCCCTTCACATGGTACACTACCCAAACGGAAGTGGATGGAGAGCTTCCCAAT 311
 Db 380 CATGACCCCACTCTTGTGGAGAACCAATGGAGTGGAGTGGAGTGGAGTGGAGTGGAGTGGAG 439
 QY 312 GTGCTGACCTTCTATTAACCTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
 Db 440 ATAATGAATTTATGTCACACTGGGAGAGAACCCCATCTACTGCTTAGACCGGATTCTGT 499
 QY 372 GCAGTTTGTGTCAGAAATCAGGTTTTCAGAACTGGAGAGATTTTAATTTCTGTAAGATG-A 430
 Db 500 GCAGCTTGTCAAGATCTCTGATTTCTAAGATGGAGATACCATGATGAGTTGAA 559
 QY 431 GTTCCCTATATCTGCAAAATCAAGGTCTAGGCGAGTTCTTAATTTCAACAGCTTGAATAAT 490
 Db 560 GTTCCCTATATCTGCAAAATTTACAGTTAAATTTACACAGACAGCAACAGCTTTAGTTT 619
 QY 491 ATTATGAAGTTCACATGGGAGAGAACCAAGTATGAGGATTTCACTCAGGAGAGAG 544
 Db 620 GTCTGAAGCACATCTGTCAAGGGGCAAAATATGAAGACTTCGCTAGAAAAAG 673

RESULT 13
 US-08-422-166-1
 ; Sequence 1, Application US/08422166
 ; Patent No. 5959086
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5959086man F.
 ; REGISTRATION NUMBER: 24,618

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;
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 793 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; MOLECULE TYPE: cdna to mRNA
; ORIGINAL SOURCE:
; ORGANISM: rat
; TISSUE TYPE: pancreas
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 62..613
;
US-08-422-166-1

Query Match 40.8%; Score 227.6; DB 2; Length 793;
Best Local Similarity 65.4%; Pred. No. 2.5e-65;
Matches 349; Conservative 0; Mismatches 184; Indels 1; Gaps 1;

QY 12 GAAGAATCTCAAAAGAAACTGCCTTCTCAGCTATAACCTGTCCTCAAGGCTCTGTAGCC 71
Db 140 GAAGACTCTCCGAAGAAATACCTCTGCACGATTAGTTGCCCAAAAGGCTCCAGGCA 199

QY 72 TATGGGTCTATTGCTATTCACGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
Db 200 TATGGTCTCTACTGTATGCTGCTGTTTCAGATACCACAGACCTGGTTGATGCAGAACTG 259

QY 132 TCCTGCCAGATCAATTTCTCAGACACCTGGCATTTCTTCAGTACTGGTGAAATTAACC 191
Db 260 GCCTGCCAGAGACCTGGAAGACACCTTGATCTGTGCTCAATGTAGCTGAACCTTCA 319

QY 192 TTCGTGCTCCCTTGTGAAGAACAGTTTGACGGCTACCACTACATCTCGGATTTGGACTC 251
Db 320 TTCTTGGCATCTGTCAGGAGACCTGTAACAGACTGAAACAGCTACCAATATACCTGGATTGGACTC 379

QY 252 CATGATCCCTCATGCTGCTACACTACCCACGGAAGTGTGAAGTGGAGAGCTTCCAAAT 311
Db 380 CATGACCCCATCTTGGTGGAGAACCCATGGAGGTGGATGGAGTGAAGTGAACAAATGAC 439

QY 312 GTGCTGACCTTCTATAACTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 440 ATAATGAATTATGCTCACTGGGAGAGAACCCCTACTGCTTACAGCCGGATTCTGT 499

QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTTGTAAGAAATG-A 430
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QY 491 AFTATGAAGCTCACATGACAGAGGAAGCAAGTATGAGGATTCACCTCAGGAGAG 544
Db 620 GTTCTGAAGCACATCTGTCAAGGGGCAAAATATGAAGACTTGCCTAGAAAAG 673

RESULT 14
US-07-778-156-8
; Sequence 8, Application US/07778156
; Patent No. 5436169
;
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
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```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 474 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: cdna
; ORIGINAL SOURCE:
; ORGANISM: rat
; TISSUE TYPE: pancreas
;
US-07-778-156-8

Query Match 37.5%; Score 209.2; DB 1; Length 474;
Best Local Similarity 68.0%; Pred. No. 2.2e-59;
Matches 306; Conservative 0; Mismatches 143; Indels 1; Gaps 1;

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Db 1 GAAGACTCTCCGAAGAAATACCTCTGCACGATTAGTTGCCCAAAAGGCTCCAGGCA 60

QY 72 TATGGGTCTATTGCTATTCACGATTTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
Db 61 TATGGCTCCTACTGCTATGCTGCTGTTTCAGATACCACAGACCTGGTTTGTATGCAGAACTG 120

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Db 241 CATGACCCCATCTTGGTGGAGAACCCCAATGGAGTGGAGTGGAGTGAACAAATGAC 300

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RESULT 15
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 ; Sequence 8, Application us/08422166
 ; Patent No. 5959086
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5959086man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; TELEX: 248855 OPAT UR
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 474 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: cdna
 ; ORIGINAL SOURCE:
 ; ORGANISM: rat
 ; TISSUE TYPE: pancreas
 ; US-08-422-166-8

Query Match 37.5%; Score 209.2; DB 2; Length 474;
 Best Local Similarity 68.0%; Pred. No. 2.2e-59;
 Matches 306; Conservative 0; Mismatches 143; Indels 1; Gaps 1;
 QY 12 GAAGAATCTCAAGAACTGCTTTCACGTATACCTGCTCAAGGCTCTGTAGCC 71
 DB 1 GAAGACTCTCGAAGAAATACCTCTGCACGCATAGTTCGCCCAAGGCTCCAGGCA 60
 QY 72 TATGGTCTATTGCTATTGATATTTGATACACAGCTGCTCTAATGCGAACTA 131
 DB 61 TATGGCTCTACTGCTATGCCCTGTTTCAGATACACAGACCTGTTGATGCGAACTG 120
 QY 132 TCCTGCCAGATGCAATTTCTCAGGACACCTGGCAATTTCTTCAGTACTGGTGAATACC 191
 DB 121 GCCTGCCAAGAGAGACCTGAAGGACACCTGTATCTGTGCTCAATGTAGCTGAAGCTTCA 180
 QY 192 TTCGTGCTCCTCCCTGTGTAAGAACACTTTGACGGCTACACAGTACATCTGGATTGGACTC 251
 DB 181 TTCCTGGCATCATGGTCAAGAACAACACTGGAAACAGCTACCAATATACCTGGATTGGACTC 240

QY 252 CATGATCCCTCACATGGTACACTACCCACGGAAGTGGATGGAAGTGGAGCTTCCAAT 311
 DB 241 CATGACCCCACTCTTGGTGAGAAACCAATGGAGGTGGATGGAGTAAACAATGAC 300
 QY 312 GTGCTGACCTTCTATAACTGGGAGAGGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
 DB 301 ATATGAAATTATGTCAACTGGGAGAGGAACCCATCTACTGCTTAGACCGGGATTCTGT 360
 QY 372 GCAGTTTTTGTCTCAGAAATCAGGTTTTTCAGAAGTGGAGAGATTTTAATTGTGAAATG-A 430
 DB 361 GGCAGCTTGTCAAGATCTTCTGGATTCTTAAGATGGAGAGATACCATGTGAAAGTTGAA 420
 QY 431 GCTTCCCTATATCTGCAAAATCAAGGTCTA 460
 DB 421 GTTGCCCTAGCTCTGCAAAATTTACAGGTTA 450

Search completed: February 13, 2003, 21:17:02
 Job time : 52 secs

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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 18:25:40 ; Search time 114 Seconds
(without alignments)
2493.005 Million cell updates/sec

Title: US-09-659-379-4
Perfect score: 558
Sequence: 1 CCGCGGATCCGAAAGATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues
Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	247	44.3	859	9	US-09-978-192A-451
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27	247	44.3	859	9	US-10-176-492-423	Sequence 423, App
28	247	44.3	859	9	US-10-176-747-423	Sequence 423, App
29	247	44.3	859	9	US-10-176-750-423	Sequence 423, App
30	247	44.3	859	9	US-10-176-985-423	Sequence 423, App
31	247	44.3	859	9	US-10-176-987-423	Sequence 423, App
32	247	44.3	859	9	US-10-176-991-423	Sequence 423, App
33	247	44.3	859	9	US-10-176-992-423	Sequence 423, App
34	247	44.3	859	9	US-10-176-993-423	Sequence 423, App
35	247	44.3	859	9	US-10-184-658-423	Sequence 423, App
36	247	44.3	859	12	US-10-052-586-423	Sequence 423, App
37	240.6	43.1	940	10	US-09-925-301-171	Sequence 171, App
38	231.2	41.4	798	10	US-09-739-262-2	Sequence 2, Appli
39	150.2	26.9	534	10	US-09-923-779-34	Sequence 34, Appl
40	135.2	24.2	381	10	US-09-920-300A-1722	Sequence 1722, Ap
41	135.2	24.2	381	12	US-10-033-528-1722	Sequence 1722, Ap
42	130	23.3	461	10	US-09-925-301-711	Sequence 711, App
43	125.4	22.5	767	10	US-09-920-300A-1748	Sequence 1748, Ap
44	125.4	22.5	767	12	US-10-033-528-1748	Sequence 1748, Ap
45	125.4	22.5	845	10	US-09-925-297-294	Sequence 294, App

ALIGNMENTS

RESULT 1
US-09-739-262-3
; Sequence 3, Application US/09739262
; Patent No. US2002003167A1
; GENERAL INFORMATION:
; APPLICANT: Dieckgraefe, Brian K.
; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
; FILE REFERENCE: 04255.75314
; CURRENT APPLICATION NUMBER: US/09/739,262
; PRIORITY FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: 09/146,969
; PRIOR FILING DATE: 1998-09-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 586
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-262-3

Query Match	92.5%	Score 516;	DB 10;	Length 586;
Best Local Similarity	99.0%	Pred. No. 2.2e-151;		
Matches 519;	Conservative	0;	Mismatches 5;	Indels 0; Gaps 0;
Qy	3	GGGATCCCGAAGATCTCAAAAGAACTGCTTCTTACGTATTAACCTGTCTCTCAAGGC	62	
Db	63	GTGGAGGTGAGATCTCAAAAGAACTGCTTCTTACGTATTAACCTGTCTCTCAAGGC	122	
Qy	63	TCTGTAGCCTATGGTCTCTTATTCCTGCTTATTCACGTATTTGATACACAGACCTGGTCTAAT	122	
Db	123	TCTGTAGCCTATGGTCTCTTATTCCTGCTTATTCACGTATTTGATACACAGACCTGGTCTAAT	182	
Qy	123	GCAGAACTATCTCGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGCT	182	
Db	183	GCAGAACTATCTCGCCAGATGCATTTCTCAGACACCTGGCATTTCTTCAGTACTGCT	242	
Qy	183	GAATTTACCTTCCTGCTCTCCCTTGTGAAGAACAGTTTTCAGCGCCTACAGTACATCTGG	242	
Db	243	GAATTTACCTTCCTGCTCTCCCTTGTGAAGAACAGTTTTCAGCGCCTACAGTACATCTGG	302	
Qy	243	ATTGGACTCCATGATCCCTCAGATGATACCCACGGAAGTGGATGGAGTGGAGC	302	

Db 303 ATTGACTCCATGATCCCTCACATGGTACACTACATACCCAAACGGAAGTGGATGGAGCG 362
QY 303 ACTTCCAATGTGCTGACCTTCTATAACTGGGAGAGAAACCCCTCTATTGCTGCTGACCGT 362
Db 363 AGTTCCAATGTGCTGACCTTCTATAACTGGGAGAGAAACCCCTCTATTGCTGCTGACCGT 422
QY 363 GGTATTGTGCAAGTTTGTCTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGT 422
Db 423 GGTATTGTGCAAGTTTGTCTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAATTGT 482
QY 423 GAAATGAGCTCCCTATATCTGCAAAATCAAGGTCTAGGGCAGTTCTTAATTTCAACAGC 482
Db 483 GAAATGAGCTCCCTATATCTGCAAAATCAAGGTCTAGGGCAGTTCTTAATTTCAACAGC 542
QY 483 TTGAAATATTATGAGCTCACATGCAAGCAAGCAAGTATGA 526
Db 543 TTGAAATATTATGAGCTCACATGCAAGCAAGCAAGTATGA 586

RESULT 2
US-09-78-295A-451
; Sequence 451. Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630Pic11
; CURRENT APPLICATION NUMBER: US/09/978, 295A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred.No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAATCTCAAAAGAAACTGCTTTCTTACGTAATAAAGCTGCTCAAGGCTCTGTAGCC 71
DB 164 GAAGAAACCCAGAGAACTGCCCTCTCCAGGATCAGCTGTCCCAAGGCTCCCAAGGCC 223
QY 72 TATGGTCTCTATTGTATCTACTGATTTGTATACACAGACCTGTGTCTTAATCGACAATA 131
DB 224 TATGGTCTCCCTGCTATGCTTGTGTTGTCACCAAAATCTGGATGATGATGATGATG 283
QY 132 TCCTGCCAGATGCTATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGCTGCTCAAT 191
DB 284 GCTTCCAGAGCGGCCCTCTGGAAGAACTGGTGTCTGTGCTCAGTGGGCTGAGGGATCC 343
QY 192 TTCGTGCTCTCCCTTGTGAAGAACAGTTTGTAGCGGCTTACAGTACATCTGGATTTGACTC 251
DB 344 TTCGTGCTCTCCCTGCTGAGGAGCATTTAGTACAGCTACTCATACATCTGGATTTGGGCTC 403
QY 252 CATGATCCCTCATGTTACACTACCCCAACGGAAGTGGATGGAAGTGGAGCTGCTCAAT 311
DB 404 CATGACCCACACAGGGGCTCTGAGGCTGTATGAGATGGATGGAGTGGAGTACACTGAT 463
QY 312 GTGCTGACCTTCTATTAAGTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATG 371
DB 464 GTGATGAATTAATTTGTCATGGGAGAAATCCCTCCACCATCTTAAACCCCTGGCCTGT 523
QY 372 GCAGTTTGTCTCAGAAATCAGTTTTCAGAAAGTGGAGAGATTTTAATTTGTAATAAGAG 431
DB 524 GGGAGCTGTCAAGAGACACAGGATTTCTGAAAGTGGAAAGATTAATGCTGATGCAAG 583
QY 432 CTTCCCTATATCTGCAAAATCAAGTCTTAGGCGAGTTCTTAATTTCAACAGCTTTGAAATA 491
DB 584 TTACCTTATGCTGCAAGTTCAAGGACTAGGCGAGTGGGAAGTCAAGAGCTGAGCTG 643
QY 492 TTATGAGCTCATGTCAGCAAGCAAGCAAGTATGAGGATTTCACTCAGGAGAGCA 546
DB 644 GCGTGCAGCTCATGTCATGGACATGAGACCATGTCGTAAGAGACTCACCTGGAAGAGAA 698

RESULT 3
US-09-978-697-451
; Sequence 451, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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Query Match 44.3%; Score 247; DB 9; Length 859;

Best Local Similarity 66.4%; Pred. No. 2.7e-67;

Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAAATCCAAAAGAAATCGCTTCTTCCACGTATAACCTGCTCCCAAGGCTCTGTAGCC 71
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QY 72 TATGGGTCTCTATTGCTATTCACGTATTTGATACACAGACCTGCTCTAATCGAAGACTA 131
Db 224 TATGGGTCTCTCTCTGCTATGCTTGTGTTTGTCCACAAAATCTGGATGATCGACATCTG 283

QY 132 TCCTGCGACATCATTCATTCACAGACCTGGCATTTCTCTCAGTACTGCTGGTAAATACCC 191
Db 284 GCTTGCGAAGAGCGGCCCTCTGGAAATCTGGTCTGCTCAGTGGGCTGAGGGATGCC 343

QY 192 TTCGTGCTCCTCTGTTGAAGAACAGATTTGACGGCTACACGATACATCTGGATTGGACATC 251
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QY 252 CATGATCCCTCAGATGGTACATACCCACGGAAGTGGATGGAAGTGGAGCTTCCAAAT 311
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Db 464 GTGATGAATTAATCTTGCATGGGAGAGAAATCCCTCCACATCTTAACCCCTGGCCACTGT 523

QY 372 GCAGTCTTCTCAGAAATAGAGTTTTCAGAAAGTGGAGAGATTTTAATTTGCAAAATGAG 431
Db 524 GGGAGCTGTCAAGAGACACAGGATTTCTGAAGTGGAAAGATTATACTGTATGCAAG 583

QY 432 CTTCCCTATATCTGCAATTTCAAGTCTAGGCGAGTCTTAATTTCAACAGCTTGAATA 491
Db 584 TTACCCCTATGCTGCAAGTTCAAGGACTAGGCGAGTGGAAAGTGGAGCTGAGCTGAGCTTG 643

QY 492 TTATGAAGCTCATGGAAGAGGAGGAGGATGAGGATTCCTACTCAGGAGAGCA 546
Db 644 GCGTGAGCTCATGAGGACATGAGACCACTGTGAGAGCTCACCCTGGAGAGAGAA 698

RESULT 4

US-09-978-192A-451

; Sequence 451, Application US/09978192A

; Patent No. US20020177553A1

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Best Local Similarity 66.4%; Pred. No. 2.7e-67;

Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

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Db 224 TATGCTCCCCCTGCTATGCTTGTGTTTGTCACCAAACTCTGGATGCAGATCTG 283
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US-09-999-832A-451
; Sequence 451, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gurney, Austin L.
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; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC7
CURRENT APPLICATION NUMBER: US/09/978.189
CURRENT FILING DATE: 2001-10-15
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAAATCTCAAAGAAACTGCCCTTCTCAGGTATAACCTGTCTCCTCAAGGCTCTGTAGCC 71
DB 164 GAAGAAATCTCAAAGAAACTGCCCTTCTCAGGTATAACCTGTCTCCTCAAGGCTCTGTAGCC 223
QY 72 TATGGGCTCTTATCTACTGATTTGATACACAGAGCTGTCTTAATGCAGAACTA 131
DB 224 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTGTGCTCAGTGGGCTGAGGATCC 283
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCACGACTGTGTAATTAACC 191
DB 284 GCTTCCAGAAAGCGGCCCTCTGGAAGAACTGCTGTGCTCAGTGGGCTGAGGATCC 343
QY 192 TTCGTGCTCCTCCCTCTGTAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 251
DB 344 TTCGTGCTCCTCCCTCTGTAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 403
QY 252 CATGATCCCTCACAATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGCAGTTCCAAT 311
DB 344 TTCGTGCTCCTCCCTCTGTAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 403
QY 252 CATGATCCCTCACAATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGCAGTTCCAAT 311
DB 404 CATGACCCACACAGGCTCTGAGCCTGATGGAGATGGATGGAGTGGAGTGGAGTGGAT 463
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCCGTGGTTATGT 371
DB 404 CATGACCCACACAGGCTCTGAGCCTGATGGAGATGGATGGAGTGGAGTGGAGTGGAT 463
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCCGTGGTTATGT 371
DB 464 GTGATGAATTAATTTGCTGAGGAGAAATCCCTCCACCACTTTAAACCCCTGGCCACTGT 523
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTTGGAATAATGAG 431
DB 524 GGGAGCCCTCAAGAACACAGGATTTCTGAAGTGGAAAGATTAATGATGATGCAAG 583
QY 432 CTTCCTATATCTGCAAAATCAAGGCTPAGGCGAGTTCTTAATTTCAACAGCTTGAATA 491
DB 584 TTACCTATGCTGCAAGTTCAAGGACTAGGCGAGGTTGGAGAGTTCAGCAGCCTCAGCTTG 643
QY 492 TTATGAAGCTCACATGGACAGGAGGATGATGAGGATTTCACTCAGGAAGAGCA 546
DB 644 GCGTGCAGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTCGAAGAGAA 698

RESULT 7
US-10-174-590-423

; Sequence 423, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-174-590-423

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAAATCTCAAAGAAACTGCCCTTCTCAGGTATAACCTGTCTCCTCAAGGCTCTGTAGCC 71
DB 164 GAAGAAATCTCAAAGAAACTGCCCTTCTCAGGTATAACCTGTCTCCTCAAGGCTCTGTAGCC 223
QY 72 TATGGGCTCTTATCTACTGATTTGATACACAGAGCTGTCTTAATGCAGAACTA 131
DB 224 TATGGCTCCCTGCTATGCTTGTGTCACCAAACTGCTGTGCTCAGTGGGCTGAGGATCC 283
QY 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTTCTTCACGACTGTGTAATTAACC 191
DB 284 GCTTCCAGAAAGCGGCCCTCTGGAAGAACTGCTGTGCTCAGTGGGCTGAGGATCC 343
QY 192 TTCGTGCTCCTCCCTCTGTAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 251
DB 344 TTCGTGCTCCTCCCTCTGTAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 403
QY 252 CATGATCCCTCACAATGCTACACTACCCAAAGAGTGGATGGAAGTGGAGCAGTTCCAAT 311
DB 404 CATGACCCACACAGGCTCTGAGCCTGATGGAGATGGATGGAGTGGAGTGGAGTGGAT 463
QY 312 GTGCTGACCTTCTATACTGGAGAGAACCCCTCTATTGCTGCTGACCCGTGGTTATGT 371
DB 464 GTGATGAATTAATTTGCTGAGGAGAAATCCCTCCACCACTTTAAACCCCTGGCCACTGT 523
QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAATTTGGAATAATGAG 431
DB 524 GGGAGCCCTCAAGAACACAGGATTTCTGAAGTGGAAAGATTAATGATGATGCAAG 583
QY 432 CTTCCTATATCTGCAAAATCAAGGCTPAGGCGAGTTCTTAATTTCAACAGCTTGAATA 491
DB 584 TTACCTATGCTGCAAGTTCAAGGACTAGGCGAGGTTGGAGAGTTCAGCAGCCTCAGCTTG 643
QY 492 TTATGAAGCTCACATGGACAGGAGGATGATGAGGATTTCACTCAGGAAGAGCA 546
DB 644 GCGTGCAGCTCATCATGACATGAGACCAAGTGTGAAGACTCACCTCGAAGAGAA 698

RESULT 8
US-10-176-758-423
; Sequence 423, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3430RIC104
 ; CURRENT APPLICATION NUMBER: US/10/176,758
 ; CURRENT FILING DATE: 2002-06-21
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 423
 ; LENGTH: 859
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-176-758-423

Query Match 44.3%; Score 247; DB 9; Length 859;
 Best Local Similarity 66.4%; Pred. No. 2.7e-67;
 Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;
 QY 12 GAAGAATCTCAAAGAAAGTGCCTTCTTACAGTATAACCTGTCCCTCAAGGCTCTGTAGCC 71
 Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTTACAGTATAACCTGTCCCAAGGCTCTCAAGGCC 223
 QY 72 TATGGTCTCTATTTGCTATTTACTGATTTGATACACAGACCTGGTCTAATGCAGAACTA 131
 Db 224 TATGGTCTCTCTGCTATGCTTTGTTGTCACCAAACTCTGTGATGATGATGATGATG 283
 QY 132 TCCCTGCAGATGCATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGCTGAAATACC 191
 Db 284 GCTTGCCAGAGCGGCCCTCTGGAAGAACTGGTGTCTGTCTCAGTGGGGCTGAGGGATCC 343
 QY 192 TTCGTGCTCTCCCTGTGGAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 251
 Db 344 TTCGTGCTCTCCCTGTGAGGAGCATTAGTAAACAGCTACTATACATCTGGATTGGGCTC 403
 QY 252 CATGATCCCTCATCTGATGATACCTACCCCAAGGAGTGGATGGAAGTGGAGCAGTTCCAA 311
 Db 404 CATGACCCACACAGGGCTCTGAGCCTGTGAGATGGATGGAGTGGAGTAGCACTGAT 463
 QY 312 GTGCTGACCTTCTATACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
 Db 464 GTGATGAATTTACTTTGCTATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523
 QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAAATTTGTAATAATGAG 431
 Db 524 GGGAGCCTGTCAAGAGACACAGGATTTCTGAAGTGGAAAGATTATACCTGTGATGCAAG 583
 QY 432 CTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTGAATAA 491
 Db 584 TTACCTATGCTGCAAGTCTCAAGGATTTCTGAAGTGGAAAGATTATACCTGTGATGCAAG 643
 QY 492 TTATGAAGCTCATCTGGAAGAGGAGCAAGTATGAGGATTTCACTCAGGAAGAGCA 546
 Db 644 GCGTGACGCTCATCTATGGACATGAGACCAAGTGTGAAGACTCACCCCTGGAAGAGAA 698

RESULT 9
 US-10-175-737-423
 ; Sequence 423, Application US/10175737
 ; Publication No. US20030013153A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc

; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3430RIC50
 ; CURRENT APPLICATION NUMBER: US/10/175,737
 ; CURRENT FILING DATE: 2002-06-19
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 423
 ; LENGTH: 859
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-175-737-423

Query Match 44.3%; Score 247; DB 9; Length 859;
 Best Local Similarity 66.4%; Pred. No. 2.7e-67;
 Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;
 QY 12 GAAGAATCTCAAAGAAAGTGCCTTCTTACAGTATAACCTGTCCCTCAAGGCTCTGTAGCC 71
 Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTTACAGTATAACCTGTCCCAAGGCTCTCAAGGCC 223
 QY 72 TATGGTCTCTATTTGCTATTTACTGATTTGATACACAGACCTGGTCTAATGCAGAACTA 131
 Db 224 TATGGTCTCTCTGCTATGCTTTGTTGTCACCAAACTCTGTGATGATGATGATGATG 283
 QY 132 TCCCTGCAGATGCATTTCTCAGGACACCTGGCATTTCTTCTCAGTACTGCTGAAATACC 191
 Db 284 GCTTGCCAGAGCGGCCCTCTGGAAGAACTGGTGTCTGTCTCAGTGGGGCTGAGGGATCC 343
 QY 192 TTCGTGCTCTCCCTGTGGAAGAACAGTTTGACGGCTTACCAGTACATCTGGATTGGACTC 251
 Db 344 TTCGTGCTCTCCCTGTGAGGAGCATTAGTAAACAGCTACTATACATCTGGATTGGGCTC 403
 QY 252 CATGATCCCTCATCTGATGATACCTACCCCAAGGAGTGGATGGAAGTGGAGCAGTTCCAA 311
 Db 404 CATGACCCACACAGGGCTCTGAGCCTGTGAGATGGATGGAGTGGAGTAGCACTGAT 463
 QY 312 GTGCTGACCTTCTATACCTGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
 Db 464 GTGATGAATTTACTTTGCTATGGGAGAAAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523
 QY 372 GCAGTTTGTCTCAGAAATCAGGTTTTCAGAAAGTGAGAGATTTTAAATTTGTAATAATGAG 431
 Db 524 GGGAGCCTGTCAAGAGACACAGGATTTCTGAAGTGGAAAGATTATACCTGTGATGCAAG 583
 QY 432 CTTCCCTATATCTGCAAAATCAAGTCTAGGGCAGTTCTTAATTTCAACAGCTTGAATAA 491
 Db 584 TTACCTATGCTGCAAGTCTCAAGGATTTCTGAAGTGGAAAGATTATACCTGTGATGCAAG 643
 QY 492 TTATGAAGCTCATCTGGAAGAGGAGCAAGTATGAGGATTTCACTCAGGAAGAGCA 546
 Db 644 GCGTGACGCTCATCTATGGACATGAGACCAAGTGTGAAGACTCACCCCTGGAAGAGAA 698

RESULT 10
 US-10-173-706-423
 ; Sequence 423, Application US/10173706
 ; Publication No. US2003002293A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-175-752-423

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAATCTCAAAAGAACTGCTTCTTACGATATAACCTGCTCTCAAGGCTCTGTAGCC 71
Db 164 GAAGAACCAGAGAACTGCTTCTTACGATATAACCTGCTCTCAAGGCTCTCAAGGCC 223

QY 72 TATGGTCTCTATTGCTTATTCAGTGTATTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
Db 224 TATGGTCTCTCTGCTATGCTTGTGTTGTCACCAAAATCTGGATGATGCAGATCTG 283

QY 132 TCCTGCCAGATGCAATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGTGAATATACC 191
Db 284 GCTTGCCAGAAAGCGGCTCTGGAACCTGGTGTCTGTCTCAGTGGGCTGAGGGATCC 343

QY 192 TTCGTCTCTCTCTGTGAAGACAGTTTGACGGCTTACACGATACATCTGGATTGGACTC 251
Db 344 TTCGTCTCTCTCTGTGAAGACAGTTTGACGGCTTACACGATACATCTGGATTGGACTC 403

QY 252 CATGATCCCTCATGTTTACACTACCCAAAGGAGTGGATGGAAGTGGAGCTTCCAAAT 311
Db 404 CATGATCCCTCATGTTTACACTACCCAAAGGAGTGGATGGAAGTGGAGCTTCCAAAT 463

QY 312 GTGCTGACCTTCTATAACTGAGGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 464 GTGATGAATTAATTTGATGGGAGAAATCCCTCCACCATCTTAAACCTGGCCACTGT 523

QY 372 GCAGTTTCTCTCAGAAATCAGTTTTCAGAAAGTGAGAGATTTTAATTTGTAAGATGAG 431
Db 524 GGGAGCTGTCAAGAACGACAGAGTTTCTGAAGTGGAAAGATTATAACTGTGATGCAAG 583

QY 432 CTTCCTATATCTGCAAAATCAAGGCTTAGGCTAGGCGAGTTCTAAATTTCAACAGCTTGAAATA 491
Db 584 TTACCTATGTCTGCAAGTTCAGGACTAGGCGAGTGGGAGTCAAGCTCAGCCTCAGCTTG 643

QY 492 TTATGAAGCTCAGATGGCAAGCAAGTATGAGGATTTCACTCAGGAAGAGCA 546
Db 644 GCGTGAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCTTGGGAAGAGAA 698

RESULT 13
US-10-176-482-423
; Sequence 423, Application US/10176482
; Publication No. US2003002296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C70
; CURRENT APPLICATION NUMBER: US/10/176,482

; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-482-423

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

QY 12 GAAGAATCTCAAAAGAACTGCTTCTTACGATATAACCTGCTCTCAAGGCTCTGTAGCC 71
Db 164 GAAGAACCAGAGAACTGCTTCTTACGATATAACCTGCTCTCAAGGCTCTCAAGGCC 223

QY 72 TATGGTCTCTATTGCTTATTCAGTGTATTTGATACACAGACCTGGTCTTAATGCAGAACTA 131
Db 224 TATGGTCTCTCTGCTATGCTTGTGTTGTCACCAAAATCTGGATGATGCAGATCTG 283

QY 132 TCCTGCCAGATGCAATTTCTCAGACACCTGGCATTTCTTCTCAGTACTGGTGAATATACC 191
Db 284 GCTTGCCAGAAAGCGGCTCTGGAACCTGGTGTCTGTCTCAGTGGGCTGAGGGATCC 343

QY 192 TTCGTCTCTCTCTGTGAAGACAGTTTGACGGCTTACACGATACATCTGGATTGGACTC 251
Db 344 TTCGTCTCTCTCTGTGAAGACAGTTTGACGGCTTACACGATACATCTGGATTGGACTC 403

QY 252 CATGATCCCTCATGTTTACACTACCCAAAGGAGTGGATGGAAGTGGAGCTTCCAAAT 311
Db 404 CATGATCCCTCATGTTTACACTACCCAAAGGAGTGGATGGAAGTGGAGCTTCCAAAT 463

QY 312 GTGCTGACCTTCTATAACTGAGGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 464 GTGATGAATTAATTTGATGGGAGAAATCCCTCCACCATCTTAAACCTGGCCACTGT 523

QY 372 GCAGTTTCTCTCAGAAATCAGTTTTCAGAAAGTGAGAGATTTTAATTTGTAAGATGAG 431
Db 524 GGGAGCTGTCAAGAACGACAGAGTTTCTGAAGTGGAAAGATTATAACTGTGATGCAAG 583

QY 432 CTTCCTATATCTGCAAAATCAAGGCTTAGGCTAGGCGAGTTCTAAATTTCAACAGCTTGAAATA 491
Db 584 TTACCTATGTCTGCAAGTTCAGGACTAGGCGAGTGGGAGTCAAGCTCAGCCTCAGCTTG 643

QY 492 TTATGAAGCTCAGATGGCAAGCAAGTATGAGGATTTCACTCAGGAAGAGCA 546
Db 644 GCGTGAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCTTGGGAAGAGAA 698

RESULT 14
US-10-176-757-423
; Sequence 423, Application US/10176757
; Publication No. US2003002297A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C86
; CURRENT APPLICATION NUMBER: US/10/176,757
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612

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; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-757-423

Query Match      44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAAAGAAAGTGCCTTCTCAGTATAAAGCTGTCTCAAGGCTCTGTAGCC 71
Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTCAGGATCAGCTGTCCCAAGAGCTCCAAAGGCC 223

Qy 72 TATGGTCTCTATTGCTATTCTACTGATTTTGTATACACAGACCTGGTCTAAATCGAAGACTA 131
Db 224 TATGGCTCCCTGCTATGCTGCTTTTGTACCAAAATCTCTGGATGGATGCAGATCTG 283

Qy 132 TCCTGCCAGATGATTTCTCAGGACACCTGGTCTTCTCAGTACTGGTGAATTTACC 191
Db 284 GCTTGCCAGAGCGGCCCTCTGGAAACTGGTGTCTGTGCTCAGTGGGCTGAGGGATCC 343

Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACAGTTTGTACGGCTTACCAGTACATCTGGATTGGAATC 251
Db 344 TTCGTGCTCCTCCCTGCTGAGGACATTTAGTACAGCTACTCATACATCTGGATTGGGCTC 403

Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAAAGTGGATGGAAGTGGAGCAAGTTCCAAT 311
Db 344 TTCGTGCTCCTCCCTGCTGAGGACATTTAGTACAGCTACTCATACATCTGGATTGGGCTC 403

Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAAAGTGGATGGAAGTGGAGCAAGTTCCAAT 311
Db 404 CATGACCCACACAGGGCTCTGAGCCTGATGGAGATGGATGGGAGTGGAGTAGCACTGAT 463

Qy 312 GTGCTGACCTTCTATTAAGTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 464 GTGATGAATTTACTTTTGCATGGGAGAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523

Qy 372 GCAGTCTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGTAAATGAG 431
Db 524 GGGACCTGTCAAGAGCACAGGATTTCTGAAGTGGAAAGATTTAACTGTGATGCAAG 583

Qy 432 CTTCCTTATCTGCAAAATTCAGGCTCTAGGCGAGTTCCTAAATTTCAACAGCTTGAATA 491
Db 584 TTACCTTATGCTGCAAGTTCAGGAGTCAAGGAGTGGGAGTGGGAGTCAAGCCTCAGCTTG 643

Qy 492 TTATGAAGCTCACATGGACAGCAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 546
Db 644 GCGTGCAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCCCTGGAAGAGAA 698

RESULT 15
US-10-176-913-423
; Sequence 423, Application US/10176913
; Publication No. US2003002298A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RIC66
; CURRENT APPLICATION NUMBER: US/10/176.913
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 423
; LENGTH: 859
; TYPE: DNA

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; ORGANISM: Homo Sapien
US-10-176-913-423

Query Match      44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

Qy 12 GAAGATCTCAAAAGAAAGTGCCTTCTCAGTATAAAGCTGTCTCAAGGCTCTGTAGCC 71
Db 164 GAAGAAACCCAGAGAAAGTGCCTTCTCAGGATCAGCTGTCCCAAGAGCTCCAAAGGCC 223

Qy 72 TATGGTCTCTATTGCTATTCTACTGATTTTGTATACACAGACCTGGTCTAAATCGAAGACTA 131
Db 224 TATGGCTCCCTGCTATGCTGCTTTTGTACCAAAATCTCTGGATGGATGCAGATCTG 283

Qy 132 TCCTGCCAGATGATTTCTCAGGACACCTGGTCTTCTCAGTACTGGTGAATTTACC 191
Db 284 GCTTGCCAGAGCGGCCCTCTGGAAACTGGTGTCTGTGCTCAGTGGGCTGAGGGATCC 343

Qy 192 TTCGTGCTCCTCCCTTGTGAAGAACAGTTTGTACGGCTTACCAGTACATCTGGATTGGAATC 251
Db 344 TTCGTGCTCCTCCCTGCTGAGGACATTTAGTACAGCTACTCATACATCTGGATTGGGCTC 403

Qy 252 CATGATCCCTCACATGGTACACTACCCAAACGAAAGTGGATGGAAGTGGAGCAAGTTCCAAT 311
Db 404 CATGACCCACACAGGGCTCTGAGCCTGATGGAGATGGATGGGAGTGGAGTAGCACTGAT 463

Qy 312 GTGCTGACCTTCTATTAAGTGGGAGAGAACCCCTCTATTGCTGCTGACCGTGGTTATTGT 371
Db 464 GTGATGAATTTACTTTTGCATGGGAGAAATCCCTCCACCATCTTAAACCCCTGGCCACTGT 523

Qy 372 GCAGTCTTGTCTCAGAAATCAGGTTTTCAGAAAGTGGAGAGATTTTAAATTTGTAAATGAG 431
Db 524 GGGACCTGTCAAGAGCACAGGATTTCTGAAGTGGAAAGATTTAACTGTGATGCAAG 583

Qy 432 CTTCCTTATCTGCAAAATTCAGGCTCTAGGCGAGTTCCTAAATTTCAACAGCTTGAATA 491
Db 584 TTACCTTATGCTGCAAGTTCAGGAGTCAAGGAGTGGGAGTGGGAGTCAAGCCTCAGCTTG 643

Qy 492 TTATGAAGCTCACATGGACAGCAAGCAAGTATGAGGATTCACCTCAGGAAGAGCA 546
Db 644 GCGTGCAGCTCATCATGGACATGAGACCAGTGTGAAGACTCACCCCTGGAAGAGAA 698

Search completed: February 13, 2003, 22:30:15
Job time : 119 secs

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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:30:21 ; Search time 3.23383 Seconds
(without alignments)
236.560 Million cell updates/sec

Title: US-09-659-379-5

Perfect score: 144

Sequence: 1 MMLPMTLCRMWMLLSCLMFLSWVEG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/2/iaa/PTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	144	100.0	26	1	US-08-909-725-5
2	144	100.0	175	1	US-08-909-725-6
3	139	96.5	174	2	US-08-401-530A-2
4	139	96.5	174	2	US-08-709-662-2
5	85	59.0	174	1	US-07-778-156-7
6	85	59.0	174	2	US-08-822-261-4
7	85	59.0	174	2	US-08-422-166-7
8	85	59.0	175	2	US-08-464-637-2
9	85	59.0	175	2	US-08-401-530A-4
10	85	59.0	175	2	US-08-709-662-4
11	85	59.0	175	2	US-08-822-261-3
12	76	52.8	175	2	US-08-822-261-1
13	73	50.7	175	2	US-08-401-530A-3
14	73	50.7	175	2	US-08-709-662-3
15	73	50.7	184	1	US-07-778-156-2
16	73	50.7	184	2	US-08-422-166-2
17	71.5	49.7	174	2	US-08-401-530A-5
18	71.5	49.7	174	2	US-08-709-662-5
19	56	38.9	378	4	US-09-482-180A-2
20	48	33.3	139	1	US-08-291-299-6
21	48	33.3	139	5	PCT-US95-10579-6
22	46	31.9	614	1	US-08-291-299-7
23	46	31.9	614	5	PCT-US95-10579-7
24	46	31.9	649	4	US-09-188-930-305
25	45	31.2	1190	1	US-08-337-690A-2
26	45	31.2	1190	4	US-09-048-887-2
27	44	30.6	83	4	US-09-145-828A-2

Sequence 12, Appl
Sequence 8, Appl
Sequence 12, Appl
Sequence 8, Appl
Sequence 11, Appl
Patent No. 5223423
Sequence 24, Appl
Sequence 6, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 25, Appl
Sequence 10, Appl
Sequence 3, Appl
Sequence 82, Appl
Sequence 13, Appl
Sequence 17, Appl
Sequence 15, Appl

ALIGNMENTS

RESULT 1
US-08-909-725-5
; Sequence 5, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vink, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-909-725-5

Query Match 100.0%; Score 144; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 7.9e-14;

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Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
    |||||
Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
    |||||

RESULT 2
US-08-909-725-6
; Sequence 6, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-909-725-6

Query Match 100.0%; Score 144; DB 1; Length 175;
Best Local Similarity 100.0%; Pred. No. 5.5e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
    |||||
Db 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
    |||||

RESULT 3
US-08-401-530A-2
; Sequence 2, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
```

```
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-401-530A-2

Query Match 96.5%; Score 139; DB 2; Length 174;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 MLPMTLCRMSWMLLSCLMFLSWVEG 26
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Db 1 MLPMTLCRMSWMLLSCLMFLSWVEG 25
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RESULT 4
US-08-709-662-2
; Sequence 2, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
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Best Local Similarity 65.4%; Pred. No. 8.1e-05;
Matches 17; Conservative, 3; Mismatches 6; Indels 0; Gaps 0;

QY 1 MLPPMTLCRMSWMLLSCLMFLSWVEG 26
   I:  I I I I I I I I I I I I I I I I I I
Db 1 MLPPPALPSVSWMLLSCLMLLSQVOG 26

RESULT 6
US-08-822-261-4
; Sequence 4, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillmad, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822,261
; FILING DATE: Filed Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0251 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 189601
;
US-08-822-261-4
Query Match 59.0%; Score 85; DB 2; Length 174;
Best Local Similarity 65.4%; Pred. No. 8.1e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 1 MLPPMTLCRMSWMLLSCLMFLSWVEG 26
   I:  I I I I I I I I I I I I I I I I I I
Db 1 MLPPPALPSVSWMLLSCLMLLSQVOG 26

RESULT 7
US-08-422-166-7
; Sequence 7, Application US/08422166
; Patent No. 5959086
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGRON, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

```

```
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
;
; NUMBER OF INVENTIONS: PANCREATITIS
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
;
; SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,166
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/778,156
; FILING DATE: 19-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5959086man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
;
; INFORMATION FOR SEQ ID NO: 7:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 174 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
;
; MOLECULE TYPE: protein
;
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; TISSUE TYPE: pancreas
;
; US-08-422-166-7
;
; Query Match 59.0%; Score 85; DB 2; Length 174;
; Best Local Similarity 65.4%; Pred. No. 81e-05;
; Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;
;
; Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
; 1 : | | | : | | | | | | | | | |
; Db 1 MLPPMALPSVSWMLLSCLMFLLSQVQG 26
; 1 : | | | : | | | | | | | | | |
;
; RESULT 8
; US-08-464-637-2
; Sequence 2, Application US/08464637
; Patent No. 5834214
; GENERAL INFORMATION:
; APPLICANT: Iovanna, Juan-Lucio
; APPLICANT: Dagorn, Jean-Charles
; APPLICANT: Keim, Volker
; APPLICANT: Saries, Jacques
; TITLE OF INVENTION: Detection of Pancreatitis-Associated
; TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
; TITLE OF INVENTION: Disease (as amended).
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-3487
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,637
; FILING DATE: 30-AUG-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 2121-107P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
;
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
;
; US-08-464-637-2
;
; Query Match 59.0%; Score 85; DB 2; Length 175;
; Best Local Similarity 65.4%; Pred. No. 8.2e-05;
; Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;
;
; Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
; 1 : | | | : | | | | | | | | | |
; Db 1 MLPPMALPSVSWMLLSCLMFLLSQVQG 26
; 1 : | | | : | | | | | | | | | |
;
; RESULT 9
; US-08-401-530A-4
; Sequence 4, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: IN GAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kegan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
;
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
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; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-401-530A-4

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: || | :||||||| ||| :|
Db 1 MLPPMALPSVSWMLLSCLMLLSQVOG 26

RESULT 10
US-08-709-662-4
; Sequence 4, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-709-662-4

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: || | :||||||| ||| :|
Db 1 MLPPMALPSVSWMLLSCLMLLSQVOG 26

RESULT 11
US-08-822-261-3
; Sequence 3, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0

Query Match          59.0%; Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
   I: || | :||||||| ||| :|
Db 1 MLPPMALPSVSWMLLSCLMLLSQVOG 26

RESULT 12
US-08-822-261-1
; Sequence 1, Application US/08822261
; Patent No. 5935813
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
; TITLE OF INVENTION: PROTEIN
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
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1 CURRENT APPLICATION DATA:
2 APPLICATION NUMBER: US/08/822,261
3 FILING DATE: Filed Herewith
4 CLASSIFICATION: 530
5 PRIOR APPLICATION DATA:
6 APPLICATION NUMBER:
7 FILING DATE:
8 ATTORNEY/AGENT INFORMATION:
9 NAME: Billings, Lucy J.
10 REGISTRATION NUMBER: 36,749
11 REFERENCE/DOCKET NUMBER: PF-0251 US
12 TELECOMMUNICATION INFORMATION:
13 TELEPHONE: 415-855-0555
14 TELEFAX: 415-845-4186
15 INFORMATION FOR SEQ ID NO: 1:
16 SEQUENCE CHARACTERISTICS:
17 LENGTH: 175 amino acids
18 TYPE: amino acid
19 STRANDEDNESS: single
20 TOPOLOGY: linear
21 IMMEDIATE SOURCE:
22 LIBRARY: ISLNOT01
23 CLONE: 2072483
24 US-08-822-261-1

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Query Match      52.8%;   Score 76;   DB 2;   Length 175;
Best Local Similarity 57.7%;   Pred. No. 0.0014;
Matches 15;   Conservative 4;   Mismatches 7;   Indels

QY      1  MMLPMTLCRMWMLLSCLMLFSWVEG 26
          | | | | | | | | | | | | | |
Db       1  MLPPMALPSVWMLLSCLLLCOVG 26
          | | | | | | | | | | | | | |

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RESULT 13
US-08-401-530A-3
; Sequence 3, Application US/08401530A
; Patent No. 5834590
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGPAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids

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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Rattus rattus
; US-08-401-530A-3

Query Match 50.7%; Score 73; DB 2; Length 175;
Best Local Similarity 82.4%; Pred. No. 0.0038;
Matches 14; Conservative 1; Mismatches 2; Indels

Qy 10 MSWMLLSCLMFLSWVEG 26
      ||||| 11 1:1
Db 10 MSWMLLSCLMLLSQVQG 26

RESULT 14
US-08-709-662-3
; Sequence 3, Application US/08709662
; Patent No. 5840531
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron I.
; APPLICANT: Pittenger, Gary L.
; APPLICANT: Rafaeloff, Ronit
; APPLICANT: Rosenberg, Lawrence
; APPLICANT: Duguid, William P.
; TITLE OF INVENTION: INGPAP PROTEIN INVOLVED IN PANCREATIC
; TITLE OF INVENTION: ISLET NEOGENESIS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: US
; ZIP: 20001-4597
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,662
; FILING DATE: 09-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.59178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Rattus rattus
; US-08-709-662-3

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Query Match      50.7%; Score 73; DB 2; Length 175;
Best Local Similarity 82.4%; Pred. NO. 0.0038;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      10  MSWMLLSCLMFLSWVEG 26
          |||||
Db       10  MSWMLLSCLMFLSQVQG 26

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RESULT 15
US-07-778-156-2
; Sequence 2, Application US/07778156
; Patent No. 5436169
; GENERAL INFORMATION:
; APPLICANT: IOVANNA, JUAN-LUCIO
; APPLICANT: KEIM, VOLKER
; APPLICANT: DAGORN, JEAN-CHARLES
; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
; TITLE OF INVENTION: PANCREATITIS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/778,156
; FILING DATE: 19911219
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5436169man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-07-778-156-2

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Query Match      50.7%  Score 73; DB 1; Length 184;
Best Local Similarity 82.4%; Pred. No. 0.004;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

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Qy 10 MSWMLLSCLMFLSWVEG 26
    |||||
Db 10 MSWMLLSCLMFLSQVG 26

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Search completed: February 13, 2003, 22:52:19
Job time : 4.2383 secs

Result No.	Score	Query		Length	DB	ID	Description
		Match					
1	85	59.0	106	10	US-09-925-301-1553		Sequence 1553, App
2	85	59.0	183	10	US-09-925-301-1013		Sequence 1013, App
3	76	52.8	175	9	US-09-978-295A-452		Sequence 452, App
4	76	52.8	175	9	US-09-978-687-452		Sequence 452, App
5	76	52.8	175	9	US-09-978-192A-452		Sequence 452, App
6	76	52.8	175	9	US-09-999-832A-452		Sequence 452, App
7	76	52.8	175	9	US-09-978-189-452		Sequence 452, App
8	76	52.8	175	9	US-10-174-590-424		Sequence 424, App
9	76	52.8	175	9	US-10-176-758-424		Sequence 424, App
10	76	52.8	175	9	US-10-175-737-424		Sequence 424, App
11	76	52.8	175	9	US-10-173-706-424		Sequence 424, App
12	76	52.8	175	9	US-10-175-738-424		Sequence 424, App
13	76	52.8	175	9	US-10-175-752-424		Sequence 424, App
14	76	52.8	175	9	US-10-176-482-424		Sequence 424, App
15	76	52.8	175	9	US-10-176-757-424		Sequence 424, App
16	76	52.8	175	9	US-10-176-913-424		Sequence 424, App
17	76	52.8	175	9	US-10-180-552-424		Sequence 424, App
18	76	52.8	175	9	US-10-180-557-424		Sequence 424, App
19	76	52.8	175	9	US-10-173-700-424		Sequence 424, App

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/ AFFELMAN, WOOD, WILLIAM L.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630PIC11
/ CURRENT APPLICATION NUMBER: US/09/978,295A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/

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; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323

; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
I: ||| :|||||: | |:
Db 1 MLPPMALPSVSMMLLSCLILLCQVQG 26

RESULT 4

US-09-978-697-452
; Sequence 452, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C27
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 2001-10-16
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21


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: PRIOR APPLICATION NUMBER: 60/085579
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085580
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085581
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085582
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085583
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085584
: PRIOR FILING DATE: 1998-05-15
: PRIOR APPLICATION NUMBER: 60/085585
: PRIOR FILING DATE: 1998-05-15
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Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels

Qy 1 MMLPMTLCRMSWMLLSCLMFLSWVEG 26
1- : || | : ||||| : | | :

Db 1 MLPPMALPSVSMWLLSCLLCOVOG 26

RESULT 5

US-09-978-192A-452
; Sequence 452, Application US/09978192A
; Patent No. US20020177553A1

APPLICANT:	Askenazi, Avi	
APPLICANT:	Baker Kevin P.	
APPLICANT:	Botstein, David	
APPLICANT:	Desnoyers, Luc	
APPLICANT:	Eaton, Dan	
APPLICANT:	Ferrara, Napoleon	
APPLICANT:	Flvaroff, Ellen	
APPLICANT:	Fong, Sherman	
APPLICANT:	Gao, Wei-Qiang	
APPLICANT:	Gerber, Hanspeter	
APPLICANT:	Gerritsen, Mary E.	
APPLICANT:	Goddard, Audrey	
APPLICANT:	Godowski, Paul J.	
APPLICANT:	Grimaldi, J. Christopher	
APPLICANT:	Gurney, Austin L.	
APPLICANT:	Hillan, Kenneth J	
APPLICANT:	Kiljavin, Ivar J.	
APPLICANT:	Kuo, Sophia S.	
APPLICANT:	Napier, Mary A.	
APPLICANT:	Pan, James	
APPLICANT:	Paoni, Nicholas F.	
APPLICANT:	Roy, Margaret Ann	
APPLICANT:	Shelton, David L.	
APPLICANT:	Stewart, Timothy A.	
APPLICANT:	Tumas, Daniel	
APPLICANT:	Williams, P. Mickey	
APPLICANT:	Wood, William I.	
TITLE OF INVENTION:	Secreted and Transferred	
TITLE OF INVENTION:	Acids Encoding	
FILE REFERENCE:	P2630PlC9	
CURRENT APPLICATION NUMBER:	US/09/971	
CURRENT FILING DATE:	2001-10-15	
PRIOR APPLICATION NUMBER:	09/918585	
PRIOR FILING DATE:	2001-07-30	
PRIOR APPLICATION NUMBER:	60/062250	
PRIOR FILING DATE:	1997-10-17	
PRIOR APPLICATION NUMBER:	60/064249	
PRIOR FILING DATE:	1997-11-03	
PRIOR APPLICATION NUMBER:	60/065311	
PRIOR FILING DATE:	1997-11-13	
PRIOR APPLICATION NUMBER:	60/066364	
PRIOR FILING DATE:	1997-11-21	
PRIOR APPLICATION NUMBER:	60/077450	
PRIOR FILING DATE:	1998-03-10	
PRIOR APPLICATION NUMBER:	60/077632	
PRIOR FILING DATE:	1998-03-11	
PRIOR APPLICATION NUMBER:	60/077641	
PRIOR FILING DATE:	1998-03-11	
PRIOR APPLICATION NUMBER:	60/077649	

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

QY 1 MMLPMTLCRSMWMLLSCLMFSLWSVEG 26
   I : I I : I I I I I I I I : I : I
Db 1 MLPPMALPSVSMWMLLSCLILLCQVOG 26

RESULT 6
US-09-999-832A-452
; Sequence 452, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC63
; CURRENT APPLICATION NUMBER: US/09/999, 832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1998-03-10
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; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/077649
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; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20

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; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
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; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
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; PRIOR APPLICATION NUMBER: 60/080194
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; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
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; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797

;
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
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; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

RESULT 10
US-10-175-737-424
; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175,737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MLPPMTLCRMSWMLLSCLMLFSLWVEG 26
I: ||| :|||||: | |:
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

RESULT 11
US-10-173-706-424
; Sequence 424, Application US/10173706
; Publication No. US2003002293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173,706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MLPPMTLCRMSWMLLSCLMLFSLWVEG 26

Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26
I: ||| :|||||: | |:
RESULT 12
US-10-175-738-424
; Sequence 424, Application US/10175738
; Publication No. US2003002294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175,738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 MLPPMTLCRMSWMLLSCLMLFSLWVEG 26
I: ||| :|||||: | |:
Db 1 MLPPMALPSVSWMLLSCLILLCQVQG 26

RESULT 13
US-10-175-752-424
; Sequence 424, Application US/10175752
; Publication No. US2003002295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-424
Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;

Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26
I: ||| :|||||||: | I:|
Db 1 MLPPMALPSVSWMLLSCLILLCCVQG 26

RESULT 14

US-10-176-482-424
; Sequence 424, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RIC70
; CURRENT APPLICATION NUMBER: US/10/176,482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-482-424

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26
I: ||| :|||||||: | I:|
Db 1 MLPPMALPSVSWMLLSCLILLCCVQG 26

RESULT 15

US-10-176-757-424
; Sequence 424, Application US/10176757
; Publication No. US20030022297A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RIC86
; CURRENT APPLICATION NUMBER: US/10/176,757
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-757-424

Query Match 52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;
QY 1 MMPLPMTLCRMSWMLLSCLMFLSWVEG 26
I: ||| :|||||||: | I:|
Db 1 MLPPMALPSVSWMLLSCLILLCCVQG 26

Search completed: February 14, 2003, 02:28:18
Job time : 11.607 secs

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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:30:21 ; Search time 21.7662 Seconds
(without alignments)
236.560 Million cell updates/sec

Title: US-09-659-379-6

Perfect score: 963

Sequence: 1 MMLPMTLCRMSWMLLSCLMF.....QKWRDFNCENELPYICKFKV 175

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued_Patents_AA:*
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2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	963	100.0	175	1	US-08-909-725-6
2	958	99.5	174	2	US-08-401-530A-2
3	958	99.5	174	2	US-08-709-662-2
4	598	62.1	175	2	US-08-401-530A-3
5	598	62.1	175	2	US-08-709-662-3
6	576	59.8	175	2	US-08-464-637-2
7	576	59.8	175	2	US-08-401-530A-4
8	576	59.8	175	2	US-08-709-662-4
9	576	59.8	175	2	US-08-822-261-3
10	570	59.2	174	1	US-07-778-156-7
11	570	59.2	174	2	US-08-822-261-4
12	570	59.2	174	2	US-08-422-166-7
13	561	58.3	175	2	US-08-822-261-1
14	557	57.8	184	1	US-07-778-156-2
15	557	57.8	184	2	US-08-422-166-2
16	518	53.8	174	2	US-08-401-530A-5
17	518	53.8	174	2	US-08-709-662-5
18	484	50.3	158	1	US-07-778-156-3
19	484	50.3	158	2	US-08-422-166-3
20	466	48.4	174	2	US-08-401-530A-6
21	466	48.4	174	2	US-08-709-662-6
22	402.5	41.8	166	2	US-08-729-103-4
23	395.5	41.1	165	2	US-08-401-530A-7
24	395.5	41.1	165	2	US-08-729-103-3
25	395.5	41.1	165	2	US-08-709-662-7
26	257.5	26.7	117	6	5514582-15
27	193	20.0	134	1	US-07-893-929A-2

Sequence 2, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 7, Appli
Sequence 9, Appli
Sequence 9, Appli
Sequence 3, Appli
Sequence 5, Appli
Sequence 1, Appli
Sequence 4, Appli
Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-08-909-725-6
; Sequence 6, Application US/08909725
; Patent No. 5804421
; GENERAL INFORMATION:
; APPLICANT: Vinik, Aaron
; APPLICANT: Pittenger, Gary
; APPLICANT: Rafaeloff-Phail, Ronit
; APPLICANT: Barlow, Scott
; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
; TITLE OF INVENTION: IN GAP IN BACTERIAL AND EUKARYOTIC CELLS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/909,725
; FILING DATE: 12-AUG-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/741,096
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32,145
; REFERENCE/DOCKET NUMBER: 0570.05173
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 97430 BMB UT
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 175 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-909-725-6

Query Match 100.0%; Score 963; DB 1; Length 175;
Best Local Similarity 100.0%; Pred. No. 1e-98;

QY	2	MLPMTLCRM5WMLLSCMLFSLWVWEGEESOKKLPSSRITCPQGSVAYG5CYSLILIPQTW	61
DB	1	MLPMTLCRM5WMLLSCMLFSLWVWEGEESOKKLPSSRITCPQGSVAYG5CYSLILIPQTW	60
QY	62	SNALSCQMHFSCHLAFLASTGEITFVSSLVKNLSLAYQYIWGLHDP5HGTLPNGSGWK	121
DB	61	SNALSCQMHFSCHLAFLASTGEITFVSSLVKNLSLAYQYIWGLHDP5HGTLPNGSGWK	120
QY	122	WSSSNLYLTFFYNWRNPNSIAADRGYCAVL5QKSGFQKWRDFNCENELPYTCKFKV	175

RESULT 4
US-08-401-530A-3
: Sequence 3, Application US/08401530A
: Patent No. 5834590
: GENERAL INFORMATION:
: APPLICANT: Vinik, Aaron I.
: APPLICANT: Pittenger, Gary L.
: APPLICANT: Rafaeloff, Ronit
: APPLICANT: Rosenberg, Lawrence

TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-464-637-2

0.

RESULT 8

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:
: GENERAL INFORMATION:
:
: APPLICANT: Vinik, Aaron I.
:
: APPLICANT: Pittenger, Gary
:
: APPLICANT: Rafaeloff, Ronni
:
: APPLICANT: Rosenber, Lawrence
:
: APPLICANT: Duguid, William
:
: TITLE OF INVENTION: INCAP
:
: TITLE OF INVENTION: ISLET
:
: NUMBER OF SEQUENCES: 7
:
: CORRESPONDENCE ADDRESS:
:

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ADDRESSEE: Banner & Witcoff, Ltd.

; COUNTRY: US
; ZIP: 20001-4597

; SOFTWARE: PatentIn Release #1.0, Version #1.25

REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:

Query Match 59.8%; Score 576; DB 2; Length 175;
Best Local Similarity 57.2%; Pred. No. 5.8e-56;
Matches 99: Conservative 35; Mismatches 39; Indels

QY	121	KWSSNVLTFFYWNERNPSIAADRGYCAVLQSFGQKWRDNCENELPYICKF	173
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Db	121	EWSSDVMNFAWERNPSTISSPGHCASLRSTAFRLWKDVCNVRLPYVCKF	173

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: TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
:
: TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
:
: TITLE OF INVENTION: PANCREATITIS
:
: NUMBER OF SEQUENCES: 12
:
: CORRESPONDENCE ADDRESS:
:

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[illegible]

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,261
FILING DATE: Filed Herewith
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0251 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 175 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ISL/NOT01
CLONE: 2072483
US-08-822-261-1

Query Match 58.3%; Score 561; DB 2; Length 175;
Best Local Similarity 55.2%; Pred. No. 2.6e-54;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
Qy 1 MWLPTLCRMSWMLLSCLMFLSWVEGEESQKLPSSRITCPQGSVAYGYCYSLILIPQT 60
Db 1 MLPPMALPSVWMLLSCLILLCQVQGETQKELPSRISCPKSKAYGSPCYALFLSPKS 60
Qy 61 WSNALSCOMHFSGLHFLLLSTGETTFVSSLVKNSLTAYQYIWLHDPSPHGTLPNGSGW 120
Db 61 WMDADLACQKRPQKLSVLGSAEGSFVSSLVRSINSYSYIWLHDPDTGSGEPDGGW 120
Qy 121 KWSSNVLTFTYWNRPNSIAADRGYCAVLSQKSGFQKWRDFNCENELPYCKFK 174
Db 121 EWSSTDVNYFAWEKNPSTILNPGHGSLSRSTGLKWKDYNDCAKLPHYCKFK 174

RESULT 14
US-07-778-156-2
Sequence 2, Application US/07778156
Patent No. 5436169
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/778,156
FILING DATE: 19911219
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5436169man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
TELEFAX: (703)486-2347
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 184 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-778-156-2
Query Match 57.8%; Score 557; DB 1; Length 184;
Best Local Similarity 60.1%; Pred. No. 7.8e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps 0;
Qy 10 MSWMLLSCLMFLSWVEGEESQKLPSSRITCPQGSVAYGYCYSLILIPQTSNAELSCQ 69
Db 10 MSWMLLSCLMFLSQVGEDSPKIPISARISCPKSGQAYGSCYALFQIPQTFDAELACQ 69
Qy 70 MHFSGHLAFLILSTGETTFVSSLVKNSLTAYQYIWLHDPSPHGTLPNGSGHKSWSNVLT 129
Db 70 KRPEGLVSLVNLVAEAFSLASWVKNTGNSYQYTWIHLDPDTLGGEPPNGGWSNNDIMN 129
Qy 130 FYNWERNPSIAADRGYCAVLSQKSGFQKWRDFNCENEL 167
Db 130 YVWERNPSTALDRGFCGSLRSRSGFLWRDYYTCEVEV 167
RESULT 15
US-08-422-166-2
Sequence 2, Application US/08422166
Patent No. 5959086
GENERAL INFORMATION:
APPLICANT: IOVANNA, JUAN-LUCIO
APPLICANT: KEIM, VOLKER
APPLICANT: DAGORN, JEAN-CHARLES
TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
TITLE OF INVENTION: PANCREATITIS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 Jefferson Davis Highway, Fourth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/422,166
FILING DATE: 14-APR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/778,156
FILING DATE: 19-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5959086man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-012-0 PCT
TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 184 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-422-166-2

Query Match      57.88; Score 557; DB 2; Length 184;
Best Local Similarity 60.18; Pred. No. 7.8e-54;
Matches 95; Conservative 29; Mismatches 34; Indels 0; Gaps 0;

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   ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 10 MSWMLLSCLMFLSQVQGEDSPKIPSPARISCPKSGSQAYGSYCYALFQIPQTFDAELACQ 69
   ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Qy 70 MHFSGHLAFLSTGEITFVSSLVKNSLTAYQYIWGLHDPESHGTLPNGSGMKWSSSNVLT 129
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Db 70 KRPEGHLVSLNVAEASFSLASMWKNTGNSQYTWIGLHDPTLGGEPPNGGGWWSNNDIMN 129
   || | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Qy 130 FYNWRNPISIAADRGYCAVLQSKSGFQKWRDFNCENEL 167
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Db 130 YVNWERNPSTALDRFCGSLRSSGFLRWRTTCEVEV 167
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Search completed: February 13, 2003, 22:52:20
Job time : 22.7662 secs
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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:51:11 ; Search time 71.393 Seconds
(without alignments)
62.626 Million cell updates/sec

Title: US-09-659-379-6
Perfect score: 963
Sequence: 1 MMLPMTLCRMSWMLLSCLMF.....QKWRDFNCENELPYICKFKV 175

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548976 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES						
Result No.	Query %		Length	DB	ID	Description
	Score	Match				
1	576	59.8	183	10	US-09-925-301-1013	Sequence 1013, App
2	561	58.3	175	9	US-09-978-295A-452	Sequence 452, App
3	561	58.3	175	9	US-09-978-697-452	Sequence 452, App
4	561	58.3	175	9	US-09-978-192A-452	Sequence 452, App
5	561	58.3	175	9	US-09-999-832A-452	Sequence 452, App
6	561	58.3	175	9	US-09-978-189-452	Sequence 452, App
7	561	58.3	175	9	US-10-174-590-424	Sequence 424, App
8	561	58.3	175	9	US-10-176-758-424	Sequence 424, App
9	561	58.3	175	9	US-10-175-737-424	Sequence 424, App
10	561	58.3	175	9	US-10-173-706-424	Sequence 424, App
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12	561	58.3	175	9	US-10-175-752-424	Sequence 424, App
13	561	58.3	175	9	US-10-176-489-424	Sequence 424, App
14	561	58.3	175	9	US-10-176-757-424	Sequence 424, App
15	561	58.3	175	9	US-10-176-913-424	Sequence 424, App
16	561	58.3	175	9	US-10-180-552-424	Sequence 424, App
17	561	58.3	175	9	US-10-180-557-424	Sequence 424, App
18	561	58.3	175	9	US-10-173-700-424	Sequence 424, App
19	561	58.3	175	9	US-10-174-572-424	Sequence 424, App

20	561	58.3	175	9	US-10-174-579-424	Sequence 424, App
21	561	58.3	175	9	US-10-174-582-424	Sequence 424, App
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25	561	58.3	175	9	US-10-175-743-424	Sequence 424, App
26	561	58.3	175	9	US-10-176-488-424	Sequence 424, App
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34	561	58.3	175	9	US-10-176-993-424	Sequence 424, App
35	561	58.3	175	9	US-10-184-658-424	Sequence 424, App
36	561	58.3	175	12	US-10-052-586-424	Sequence 424, App
37	408.5	42.4	174	10	US-09-925-297-753	Sequence 753, App
38	388.5	40.3	174	10	US-09-925-301-1182	Sequence 1182, App
39	254	26.4	106	10	US-09-925-301-1553	Sequence 1553, App
40	190	19.7	158	9	US-10-025-380-1070	Sequence 1070, App
41	190	19.7	158	9	US-10-025-380-1077	Sequence 1077, App
42	190	19.7	158	9	US-10-025-380-1078	Sequence 1078, App
43	190	19.7	158	9	US-10-025-380-1079	Sequence 1079, App
44	190	19.7	158	9	US-10-025-380-1080	Sequence 1080, App
45	190	19.7	158	10	US-09-922-217-1070	Sequence 1070, App

ALIGNMENTS

RESULT 1
US-09-925-301-1013
; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 1013
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

Query Match		59.8%	Score 576;	DB 10;	Length 183;
Best Local Similarity		57.2%	Pred. No. 1.7e-50;		
Matches		99;	Conservative	35;	Mismatches 39; Indels 0; Gaps 0;
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Db	9	MLPPNALPSVSMMLLSCLMLLSQVQGEPPQRELPSARIRCPKSGKAYGSHCYALFLSPKS	68		
Qy	61	WSNAELSCQMHFSGHLAFLLTGTGTTFTVSSLVKNSLTAYQVIWGLHDPHSGHTLPNGSGW	120		
Db	69	WTDADLACQKRPSSGNLVSLSGAEGSFVSSLLSGNSISYVIGLHDPDTGTGTPNGEGW	128		
Qy	121	KWSSSNVLTFYWNERNPSIAADRGYCAVLSQKSGFQKWRDFNCENELPYICKF	173		
Db	129	EWSSSDVMNYFAWERNPSTISSPGHCASLSRSTAFLRWKDYNVNLRYPVCKF	181		
RESULT 2					
US-09-978-295A-452					
; Sequence 452, Application US/09978295A					

Patent No. US20020156006A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Bolstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C11
CURRENT APPLICATION NUMBER: US/09/978, 295A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 58.38; Score 561; DB 9; Length 175;
Best Local Similarity 55.28; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
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Db 121 EWSSTDVNMVFAWEKNPSTILNPHCGSLRSRSTGFLKWKDYNCDAKLPYVCKEK 174

RESULT 3
US-09-978-697-452

Sequence 452, Application US/09978697
Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Fillaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
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PRIOR APPLICATION NUMBER: 60/077450
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PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077641
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PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27

[illegible]

US-09-978-192A-452
; Sequence 452, Application US/09978192A
; Patent No. US2002017553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PlC9
; CURRENT APPLICATION NUMBER: US/09/978,192A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
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; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
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; PRIOR APPLICATION NUMBER: 60/081817
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
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; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
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; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
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; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
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; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-04-29

[illegible]

RESULT 6
US-09-978-189-452
; Sequence 452, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
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; PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
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; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
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; PRIOR APPLICATION NUMBER: 60/083496
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/083499
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 ; PRIOR APPLICATION NUMBER: 60/084600
 ; PRIOR FILING DATE: 1998-05-07
 ; PRIOR APPLICATION NUMBER: 60/084627
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 ; PRIOR FILING DATE: 1998-05-13
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 ; PRIOR FILING DATE: 1998-05-15
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 ; PRIOR APPLICATION NUMBER: 60/085573
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085704
 ; PRIOR FILING DATE: 1998-05-15
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

 Qy 1 MMLPMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQT 60
 Db 1 MLPPMALPSVSMWMLLSCLILLCVQGETQKELSPRISCPKGSKAYGSPCYALFLSPKS 60

 Qy 61 WSNALSCQMHSGLHFLSTGETTFVSSLVKNSLTAYQYIWIGLHDPHSHGTLPNGSGW 120
 Db 61 WMDADLACQKRPCKLVSLVSGAEGSFVSSLSRISNSYSYIWIGLHDPHSHGTLPNGSGW 120

 Qy 121 KWSSSNVLTFFYNWRNPISADRGYCAVLKSQSGFKWRDNCNENLPYICKFK 174
 Db 121 EWSSTDVNMNYFAWEKPNFTILNPGHCGSLRSRSTGFLKWKDYNCDAKLPYVCKFK 174

RESULT 7
 US-10-174-590-424
 ; Sequence 424, Application US/10174590
 ; Publication No. US20030008352A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C42
 ; CURRENT APPLICATION NUMBER: US/10/174,590
 ; CURRENT FILING DATE: 2002-06-18
 ; Prior application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 424
 ; LENGTH: 175
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-174-590-424

Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

 Qy 1 MMLPMTLCRMWMLLSCLMFLSWVEGESQKLPSSRITCPQGSVAYGSCYSLILIPQT 60
 Db 1 MLPPMALPSVSMWMLLSCLILLCVQGETQKELSPRISCPKGSKAYGSPCYALFLSPKS 60

 Qy 61 WSNALSCQMHSGLHFLSTGETTFVSSLVKNSLTAYQYIWIGLHDPHSHGTLPNGSGW 120
 Db 61 WMDADLACQKRPCKLVSLVSGAEGSFVSSLSRISNSYSYIWIGLHDPHSHGTLPNGSGW 120

 Qy 121 KWSSSNVLTFFYNWRNPISADRGYCAVLKSQSGFKWRDNCNENLPYICKFK 174
 Db 121 EWSSTDVNMNYFAWEKPNFTILNPGHCGSLRSRSTGFLKWKDYNCDAKLPYVCKFK 174

RESULT 8
 US-10-176-758-424
 ; Sequence 424, Application US/10176758
 ; Publication No. US20030008353A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3430R1C104
 ; CURRENT APPLICATION NUMBER: US/10/176,758
 ; CURRENT FILING DATE: 2002-06-21
 ; Prior application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO 424
 ; LENGTH: 175

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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCIMFLSWVEGESOKKLPSSRITCPQGSVAYGYCYSLILIPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60
Qy 61 WSNALSCQMHSFGHLAFLSTGTEITVSSLVKNSLTAYQYIWIHLDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLVRSISNSYSYIWIHLDPHSGTLPNGSGW 120
Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSKGQFKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLWKWDYNCDAKLPYVCKFK 174

RESULT 9
US-10-175-737-424
; Sequence 424, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C50
; CURRENT APPLICATION NUMBER: US/10/175, 737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-737-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCIMFLSWVEGESOKKLPSSRITCPQGSVAYGYCYSLILIPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60
Qy 61 WSNALSCQMHSFGHLAFLSTGTEITVSSLVKNSLTAYQYIWIHLDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLVRSISNSYSYIWIHLDPHSGTLPNGSGW 120
Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSKGQFKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLWKWDYNCDAKLPYVCKFK 174

RESULT 10
US-10-173-706-424
; Sequence 424, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175, 738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-173-706-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRSMWLLSCIMFLSWVEGESOKKLPSSRITCPQGSVAYGYCYSLILIPQT 60
Db 1 MLPPMALPSVSMWLLSCILLICQVQGETOKELPSRISCPKSKAYGSPCYALFLSPKS 60
Qy 61 WSNALSCQMHSFGHLAFLSTGTEITVSSLVKNSLTAYQYIWIHLDPHSGTLPNGSGW 120
Db 61 WMDADLACQRRPSGKLVSLSGAEGSFVSSLVRSISNSYSYIWIHLDPHSGTLPNGSGW 120
Qy 121 KWSSSNVLTFFYNWRNPISIAADRGYCAVLQSKGQFKWRDFNCENELPYICKFK 174
Db 121 EWSSTDVWNYFAWEKNPSTILNPGHCGSLRSTGFLWKWDYNCDAKLPYVCKFK 174

RESULT 11
US-10-175-738-424
; Sequence 424, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175, 738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-738-424

Query Match      58.3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
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